

Analysis of Portals of Grey Literature whether to Include Patents into the Classification of NRGL Documents

Current Situation and Objectives of the Analysis

Among the documents of grey literature, there are also included patent documents as well as regulations. However, these documents are commonly stored and made accessible by other specialized databases. When defining the classification and the metadata format of the NRGL, we had to decide whether to include patents in the types of documents in the Digital Library of Grey Literature and whether they should be paid special interest.

Assignment

1. To search reference databases of the project Digital library of Grey Literature to analyze whether they also contain patent documents and have a special search field to search patents.
2. To ascertain whether selected portals of grey literature have a search field that deals with patents or patent registration in modules for search forms.
3. Whether the portals have a special field to search patents and which they are in particular.
4. In case a portal does not have any special field to search patents, is it possible to search patents or anything dealing with them on the portals?

There are to be analysed these portals of grey literature:

1. ArXiv.org e-Print archive
2. Directory of Open Access Journals (DOAJ)
3. La Documentation Francaise
4. DRIVER
5. The EASY (Electronic Archiving System)
6. E-PRINT Network
7. GPO Access - A service of the U.S. Government Printing Office
8. Portal NARCIS
9. NTIS Technical Reports (FedWorld)
10. NCSTRL - Networked Computer Science Technical Reference Library
11. NTRS: NASA Technical Reports Server
12. NZDL - The New Zealand Digital Library – Computer Science Technical Reports
13. Office of Scientific & Technical Information –U. S. Department of Energy
14. OpenDOAR
15. Project PUMA (PUBlication MAnagement)

16. Registry of Open Access Repositories (ROAR)
17. Science Links Japan
18. SCIRUS - for scientific information only
19. Portal SOWIPORT (Sozialwissenschaften Portal)

Results of the Analysis

Total number of portals analysed: **19**

Number of portals that do not contain any information about patents: **11**

Number of patents themselves (full texts): **2**

Number of patent registration forms (full texts): **1**

Number of portals having any information about patents: **8**

Types of information about patents:

- Full texts about patents
- Patent registration forms
- Articles about patents
- Links to patents
- Documents about patents
- Special databases of patents

Number of portals having a special search field: **2**

Types of the search fields:

- Report-Patent Number
- Within the portal NARCIS it is possible to search patents in these special search fields (Publication, Organisation, Current Research, Data Set)

Result of the Analysis and Acquisition of Information in the Given Area

Based on analysis of systems of grey literature used abroad we have discovered that patents are not parts of these systems and they are made accessible by other secondary resources and also full text information resources other than the repositories of grey literature that served as a model for the project NRGL. Therefore, in December 2008 the fields that had direct link to identify and describe the patents were removed from the draft of the metadata format NRGL. This analysis shows that more often there is collected data containing information about articles on research which result was the patent-related articles, but not the patents themselves, and this is to be taken as decisive for the NRGL as well.

To make the patent databases accessible there will be used the TECH Subject Gateway – software Metalib. The NRGL portal will link its users to the TECH Subject Gateway.

Search Results of Patent Search in Individual Systems of Grey Literature

This is to include only such portals that contain some information about patent-related articles or the patents themselves.

ArXIV.org e Print archive

The portal does not contain any special search field dealing with patents. It is possible to use the experimental full text search. When a query about a patent was searched, there were found articles about patents as well as links to patents that deal with research. Full texts are not provided by this portal.

<http://www.arxiv.org/>

NTIS Technical Reports (FedWorld)

This portal does not contain any special search field dealing with patents. When the portal had been searched, there were found only documents about patents.

<http://www.fedworld.gov/>

NTRS: NASA Technical Reports Server

This database contains the search field “**Report-Patent Number**” in the module. On the server, there are not stored the patents themselves, but only patent registration forms and their full texts.

<http://ntrs.nasa.gov/search.jsp>

Example of a record of a patent registration form:

Title:	Spectrometer System for Optical Reflectance Measurements
Author(s):	NONE
Abstract:	A spectrometer system includes a thermal light source for illuminating a sample, where the thermal light source includes a filament that emits light when heated. The system additionally includes a spectrograph for measuring a light spectrum from the sample and an electrical circuit for supplying electrical current to the filament to heat the filament and for controlling a resistance of the filament. The electrical circuit includes a power supply that supplies current to the filament, first electrical components that sense a current through the filament, second electrical components that sense a voltage drop across the filament, third electrical components that compare a ratio of the sensed voltage drop and the sensed current with a predetermined value, and fourth electrical components that control the current through the filament or the voltage drop across the filament to cause the ratio to equal substantially the predetermined value.
NASA Center:	NASA (non Center Specific)

Publication Date:	25 Apr 05
Document Source:	CASI
Online Source:	View PDF File
Document ID:	20080032574
Publication Information:	Number of Pages = 27
Report Number:	PB2007-109195
Document Patent Information:	US 2005/0259254: Filed 25 Apr 05
Contract-Grant-Task Number:	AMRC-DAMD 17-03-1-0005
Price Code:	A03
Related Information:	Provisional US-Patent-Appl-SN-60-565557, filed 26 Apr. 2004; and Provisional US-Patent-Appl-SN-60-565655, filed 26 Apr. 2005
Keywords:	LIGHT SOURCES; OPTICAL MEASUREMENT; REFLECTANCE; SPECTROMETERS; SPECTROGRAPHS; PATENT APPLICATIONS;
Accessibility:	Unclassified; No Copyright; Unlimited; Publicly available;
Updated/Added NTRS:	to 2008-09-05

NZDL - The New Zealand Digital Library – Computer Science Technical Reports

The search function in this digital library does not contain any special search fields for patents. A query for a patent in free form resulted only in links to patents within a text of an abstract.

<http://nzdl.sadl.uleth.ca/cgi-bin/library?a=p&p=about&c=cstr>

Office of Scientific & Technical Information –U. S. Department of Energy

This scientific portal for grey literature of technical information has its own database Department of Energy Patents Database <http://www.osti.gov/doepatents/>. The DEOPatents contains bibliographic records of patents, their full texts in case they are available (stored in a PDF file), or a HTML link to a patent stored in the U.S. Patent and Trademark Office (USPTO).

<http://www.osti.gov/>

OpenDOAR

The service Google's Custom Search Engine enables to search repositories in the directory OpenDOAR for full texts of documents about patents.

<http://www.opendoar.org/>

SCIRUS - for scientific information only

This complex search system enables search to find links to full texts of patents, or institutions, where such texts can be retrieved.

<http://www.scirus.com/>

NARCIS Portal

The NARCIS portal enables search of patents in the search fields listed below. The portal does not enable direct access to full texts of patents, but only to their records.

<http://www.narcis.info/index>

Publication

Person

Organisation

Current Research

Data Set

Publication

- - The patent is searched within its title or abstract

Title About 'trivial' software patents: the IsNot case

Author(s) Bergstra, J. A.;
Klint, P.

Date 2005

Summary So-called

Reference(s) Software engineering; Hardware/Software Protection; Copyrights; Licensing; Patents; Proprietary rights; Trade secrets; Governmental Issues; Censorship; Regulation; Taxation; The computing profession; General

Language en

Type preprint

Publisher CWI

Rights IPR: CWI

Full text http://repos.project.cwi.nl:8080/nl/repository_db/all_publications/10877

Metadata XML

Source NWO

Addition CWI. Software Engineering [SEN] ; R 0517. ISSN: 1386-369X

Person

- - It searches persons that cooperated or participated on a patent.

Kleter, Mr. M.G.

Expertise Ondernemersschap, Octrooi, Innovatie
Expertise (EN) Entrepreneurship, Patent, Innovation

Classificatie

▪D42200 Bestuurskunde

Wijzig deze gegevens in de [Nederlandse Onderzoek Databank \(NOD\)](#).

Organisation

- - organisations dealing with patents

Netherlands Patent Centre

Part of [Ministerie van Economische Zaken - EZ](#)

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Mission Het leveren van een optimale bijdrage aan het innovatief vermogen in ons land door: -een effectieve en professionele uitvoering van de (inter)nationale octrooiwetgeving, -een klantvriendelijke digitale ontsluiting van alle aanwezige kennis op het terrein van de industriële eigendom, met name m.b.t. octrooien, -voorlichting te geven en zich te ontwikkelen tot het nationale kennis- en informatiecentrum ten behoeve van opdrachtgever en doelgroepen

Octrooicentrum Nederland (voorheen Bureau voor de Industriële Eigendom BIE) draagt zorg voor de octrooiverlening in Nederland en voor de verspreiding van technische kennis die in de octrooiliteratuur ligt opgeslagen. De medewerkers richten hun dienstverlening op ondernemers, dienstverlenende instanties, onderzoekers, wetenschappers, studenten en particuliere uitvinders. Octrooicentrum Nederland is een agentschap van het Ministerie van Economische Zaken en werd opgericht in 1893

People Classification

People (▲)

▪Management [Dr. G.A.A.M. Broesterhuizen](#)

Classification (▲)

▪D43000 Economics

Update this data in the [Dutch Research Database \(NOD\)](#).

Current research

Project: PATENT studie

- Title (NL) PATENT-study
- Period 02 / 2003 - unknown
- Status Current
-

Related organisations

▪Secretariat [Groene Hart Ziekenhuis](#)

Related people

▪Project leader [Drs. K.J. Heering](#)

Classification

▪A70000 Public health and health care

▪D23220 Internal medicine

Update this data in the [Dutch Research Database \(NOD\)](#).

Data Set

Titel Electoral lists, district and patent registers

Auteur(s) unknown

Datum 2007-01-31

Samenvatting Units of observation: Individuals, Premises/Owners.

Trefwoord(en) social history

Bron DANS-KNAW

[Persistent Identifier](#) urn:nbn:nl:ui:13-fb8-3g4

Full text [windowContext=default](#)

Metadata [XML](#)

