

## Data Elements of PATSTAT Raw Data

Authors: EPO D 5.4.1.1 / D 5.4.2.5,  
v1.1, for PATSTAT April 2013 edition

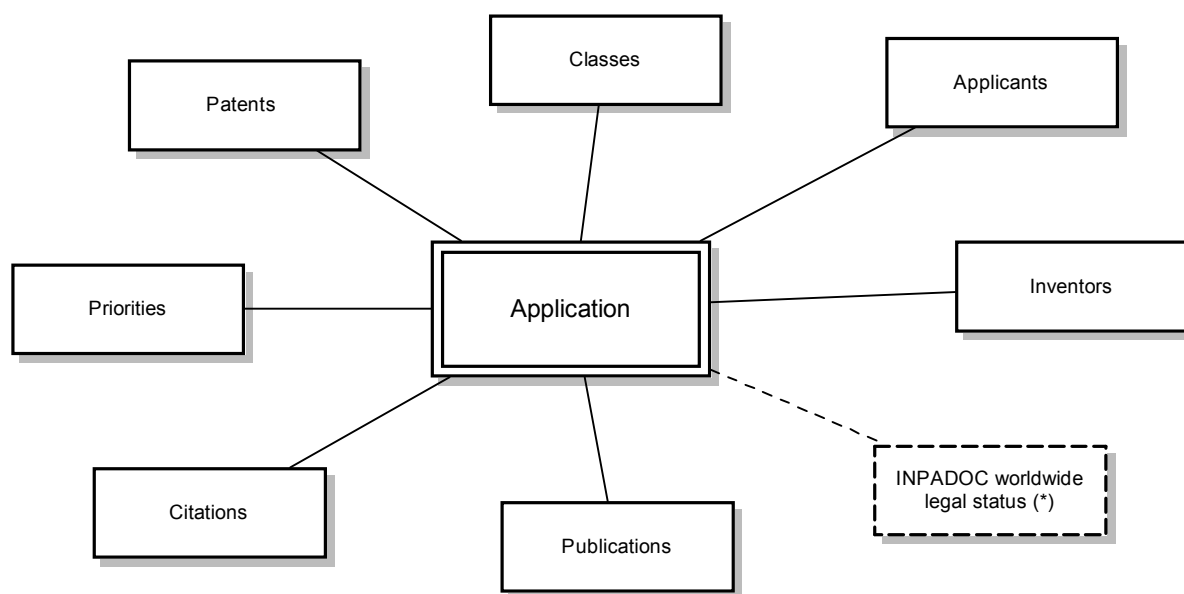
### 1. OBJECTIVE OF THIS DOCUMENT

PATSTAT Raw Data contains bibliographic information, which typically is published on the front page, the search report and the description of patent publications. In addition, PATSTAT contains data which is not included in patent publications, like patent families or legal status data.

This document aims to make newcomers familiar with the content of PATSTAT. Using an EP patent publication as an example, it illustrates the relationship between the main information items found in patent publications and the data elements of the PATSTAT data model.

For detailed information on the PATSTAT data see the data catalogue and sample data:  
<http://www.epo.org/patents/patent-information/raw-data/test/product-14-24.html>


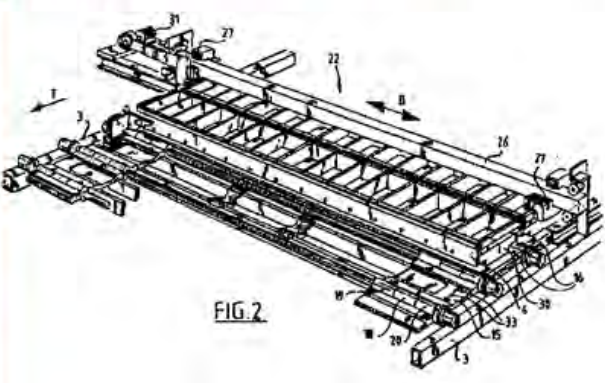
### 2. OVERVIEW OF THE CONCEPTUAL MODEL



(\*) This table must be purchased separately (Product 14.11, [EPO Price list](#))

### 3. PATENT PUBLICATION

Red numbers refer to entries in section 4 "Data Elements".

(19) 	Europäisches Patentamt European Patent Office Office européen des brevets	02	24	49	23
		EP 1 000 000 A1			
(12)	28	EUROPEAN PATENT APPLICATION			
(43)	Date of publication: 17.05.2000 Bulletin 2000/20	(51) Int. Cl. <sup>7</sup> :	B28B 5/02, B28B 7/00, B28B 1/29		
(21)	Application number: 99203729.1	01	17	46	16
(22)	Date of filing: 08.11.1999	33			
(84)	Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
	Designated Extension States: LV MK RO SI	33	02	24	
(30)	Priority: 12.11.1998 NL 1010536				09
(71)	Applicant: Beheermaatschappij De Boer Nijmegen B.V. 6541 BS Nijmegen (NL)	06,15			
(72)	Inventor: Kosman, Wilhelmus Jacobus Maria 6562 DA Groesbeek (NL)				
(74)	Representative: Schumann, Bernard Herman Johan et al Arnold & Siedsma, Advocaten en Octrooigemachtigden, Sweelinckplein 1 2517 GK Den Haag (NL)				
		06	15,18		
(54)	Apparatus for manufacturing green bricks for the brick manufacturing industry				
(57)	<p>The invention relates to an apparatus (1) for manufacturing green bricks from clay for the brick manufacturing industry, comprising a circulating conveyor (3) carrying mould containers combined to mould containers (5) for clay arranged at means (9) for pressing and trimming clay in the mould containers, means (11) for supplying and placing take-off plates for the green bricks (13) and means for discharging green bricks released from the mould containers, characterized in that the apparatus further comprises means (22) for moving the mould containers (4) filled with green bricks such</p>				
	protruding edge is formed on at least one side of the green bricks.				
	 <p>FIG. 2</p>				



European Patent  
Office

## EUROPEAN SEARCH REPORT

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Application Number  
EP 99 20 3729

### DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (InCL7)
A	EP 0 680 812 A (BOER BEHEER NIJMEGEN BV DE) 8 November 1995 (1995-11-08) * the whole document *	1, 10, 11	B28B5/02 B28B7/00 B28B1/29
A	NL 9 400 663 A (BOER BEHEER NIJMEGEN BV DE) 1 December 1995 (1995-12-01) * the whole document *	1, 3	
A	DE 35 46 191 A (NETZSCH MASCHINENFABRIK) 2 July 1987 (1987-07-02) * the whole document *	1-3, 8	
			TECHNICAL FIELDS SEARCHED (InCL7)
			B28B
The present search report has been drawn up for all claims			

Place of search

THE HAGUE

Date of completion of the search

15 February 2000

Examiner

Gourier, P

#### CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone  
Y : particularly relevant if combined with another document of the same category  
A : technological background  
O : non-written disclosure  
P : intermediate document

T : theory or principle underlying the invention  
E : earlier patent document, but published on, or after the filing date  
D : document cited in the application  
L : document cited for other reasons

& : member of the same patent family, corresponding document

EPO FORM 1503 03.02 (P04001)

## Description

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[0001] The invention relates to an apparatus for manufacturing green bricks from clay for the brick manufacturing industry, comprising a circulating conveyor carrying mould containers combined to mould container parts, a reservoir for clay arranged above the mould containers, means for carrying clay out of the reservoir into the mould containers, means for pressing and trimming clay in the mould containers, means for supplying and placing take-off plates for the green bricks and means for discharging green bricks released from the mould containers. Such an apparatus is known in the field and is for instance described in the patent 1000186 of applicant. The known apparatus is extremely suitable for automated production of large numbers of green bricks for the brick manufacturing industry. The bricks fired from these green bricks have a substantially smooth, uniform appearance.

[0002] A recent demand has developed on the market for bricks which appear as if they have been manufactured according to traditional methods.

[0003] The invention has for its object to adapt the known apparatus such that it can produce in automated

## 4. DATA ELEMENTS

Please note that the meaning of a field also depends on the PATSTAT table where this field is contained. E. g., field No 33 in the *application* table designates the date of filing of *this* application, whereas the same field in the *priority* table shows the date of filing of the priority document.

The following table is an excerpt of the PATSTAT Data Catalogue, mentioned in section 1.

No	DB name	Element
01	APPLN_NR	Application number
02	APPLN_AUTH	Application Authority
03	APPLN_KIND	Kind of application
04	CONTN_TYPE	Continuation type
05	PERSON_NAME	Applicant name
06	PERSON_ADDRESS	Applicant address
07	PERSON_CTRY_CODE	Applicant country code
08	DOC_STD_NAME	DOCDB standard name
09	APPLT_SEQ_NR	Sequence number of the applicant
10	PRIOR_APPLN_SEQ_NR	Sequence number of claimed priority
11	PRIOR_APPLN_ID	Application identification of claimed priority
12	PARENT_APPLN_ID	Application identification of parent application
13	APPLN_ID	Application identification
14	PERSON_ID	Applicant identification
15	DOC_STD_NAME_ID	DOCDB standard name identification
16	IPC_CLASS_SYMBOL	IPC classification symbol
17	IPC_VERSION	IPC version
18	INVT_SEQ_NR	Sequence number of the inventor
19	IPC_VALUE	Classification value
20	IPC_POSITION	First or later position of symbol
21	INTERNAT_APPLN_ID	Application identification of designating international

		application
22	PUBLN_AUTH	Publication Authority
23	PUBLN_KIND	Publication kind
24	PUBLN_NR	Publication number
25	TECH_REL_APPLN_ID	Application identification of the technically related application
26	PAT_PUBLN_ID	Patent publication identification
27	CITED_PAT_PUBLN_ID	Identification of cited patent publication
28	PUBLN_DATE	Publication date
29	PUBLN_LG	Publication language
30	PAT_CITN_SEQ_NR	Sequence number of the patent citation
31	CITN_ORIGIN	Origin of the citation
32	CITN_CATEG	Category of the citation
33	APPLN_FILING_DATE	Filing date of application
34	NPL_CITN_SEQ_NR	Sequence number of the NPL citation
35	IPR_TYPE	Type of Intellectual Property Right
36	APPLN_TITLE	Title of application
37	APPLN_TITLE_LG	Language of title of application
38	APPLN_ABSTRACT	Abstract of application
39	APPLN_ABSTRACT_LG	Language of abstract of application
40	IPC_GENER_AUTH	IPC generating authority
41	CITN_ID	Citation identification
42	NAT_CLASS_SYMBOL	Classification symbol of National classification
43	NPL_PUBLN_ID	Non-Patent Literature publication identification
44	NPL_BIBLIO	Non-Patent Literature bibliography
46	IPC_CLASS_LEVEL	IPC advanced / core flag
47	DOCDB_FAMILY_ID	DOCDB simple family id
48	INPADOC_FAMILY_ID	INPADOC extended priority family
49	PUBLN_FIRST_GRANT	Date of grant indicator
50	EPO_CLASS_AUTH	Patent Authority which classified document
51	EPO_CLASS_SCHEME	EPO Classification scheme used
52	EPO_CLASS_SYMBOL	EPO Classification symbol
53	PRS_EVENT_SEQ_NR	Sequence number of the PRS event
54	PRS_GAZETTE_DATE	Publication date of the PRS event
55	PRS_CODE	PRS code
56	CITED_APPLN_ID	Identification of cited filed application
57	PUBLN_CLAIMS	Number of claims for the given publication
58	CITN_GENER_AUTH	Identification of International Search Authority (ISA) of WIPO PCT search reports
59	JP_CLASS_SCHEME	Japanese Classification scheme used
60	JP_CLASS_SYMBOL	Japanese Classification symbol
61	DOCUS_CLASS_SYMBOL	USPTO Classification symbol

## 5. PHYSICAL DATA MODEL

For details see the Data Catalog.

