



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 579 967 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
12.10.2005 Bulletin 2005/41

(51) Int Cl.7: **B27B 5/12**, E04B 2/70,
E04C 3/12

(43) Date of publication A2:
28.09.2005 Bulletin 2005/39

(21) Application number: **05076069.3**

(22) Date of filing: **11.06.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**

(30) Priority: **09.06.2000 FI 20001378**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
01947482.4 / 1 292 738

(71) Applicant: **Haikarainen, Teuvo**
01450 Vantaa (FI)

(72) Inventor: **Haikarainen, Teuvo**
01450 Vantaa (FI)

(74) Representative:
Järveläinen, Pertti Tauno Juhani et al
Heinänen Oy
Annankatu 31-33 C
00100 Helsinki (FI)

(54) **Method and apparatus for producing a hollow log**

(57) Apparatus and method for the production of
round logs for use in a log building, wherein the appa-
ratus is a tubular sawing apparatus comprising at least

one tubular cutter unit (101), by means of which a raw-
wood log (102) is machined to produce at least one hol-
low log (82,83) having a cavity inside it.

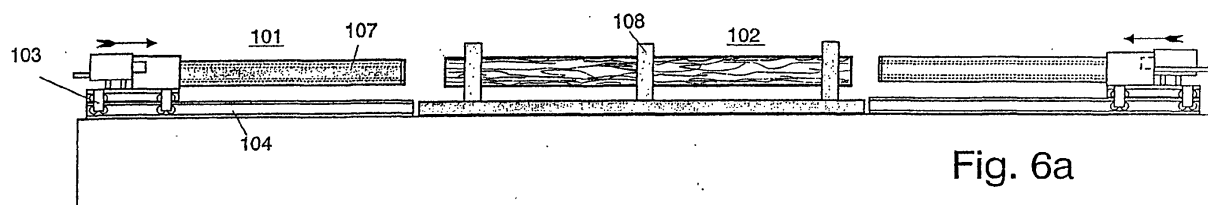


Fig. 6a

EP 1 579 967 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 07 6069

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DE 375 970 C (W. WEBER & CO; GESELLSCHAFT FUER BERGBAU, INDUSTRIE UND BAHNBAU) 22 May 1923 (1923-05-22) * page 3, lines 41-56; figures * -----	1-5	B27B5/12 E04B2/70 E04C3/12
X	US 694 452 A (ANDERSON ANDREW) 4 March 1902 (1902-03-04) * figures * -----	1-4	
X	FI 90 370 B (LATVALA SEPP0) 15 October 1993 (1993-10-15) * figures 1-3 * -----	1-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B27B B23B B23Q B27G E04B E04C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 1 August 2005	Examiner Meritano, L
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

2
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 07 6069

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

01-08-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 375970	C	22-05-1923	NONE	
US 694452	A		NONE	
FI 90370	B	27-05-1992	FI 905821 A ,B,	27-05-1992

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82