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(54) **Machine for cutting slabs of various materials such as marble, ceramics, terracotta, sandstone, glass and the like into tesserae**

(57) A machine for cutting various materials, such as marble, ceramics, terracotta, sandstone, glass and the like, into tesserae, comprising: guiding elements which are composed of sliding rails (5,8) arranged like the sides of a square; a plurality of carriages (9-12), each whereof has elements (31) for supporting a slab (B) and can slide on the rails; elements (13,21,23) for moving the plurality of carriages (9-12) along the rails (5,8) so that the slabs on the support elements (31) maintain the same orientation along the entire path formed by the rails; and two slab cutting elements (43,44) arranged along two mutually perpendicular sides of the square, each element being constituted by a pack of blades (45,46) which rotate about an axis perpendicular to the respective side.

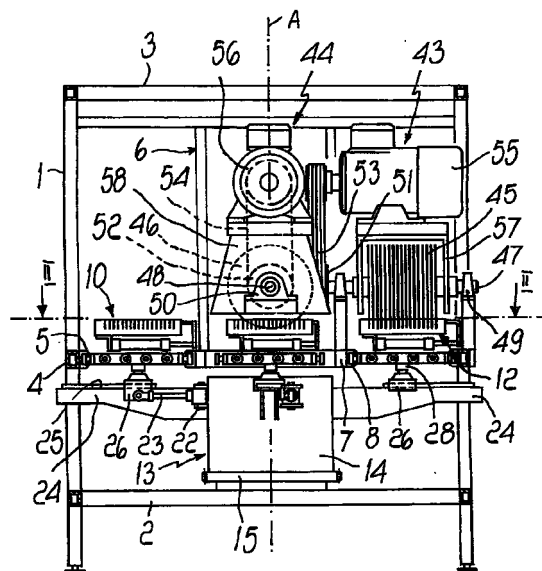


Fig. 1

EP 0 895 842 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 98 11 4018

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.6)
A	US 3 315 778 A (KENDALL) 25 April 1967 (1967-04-25) * claim 1 *	1	B28D1/04
A	US 4 230 004 A (JONSON SVEN M) 28 October 1980 (1980-10-28) * claim 1 *	1	
A	EP 0 328 220 A (PRODUCT SUPPLIERS AG) 16 August 1989 (1989-08-16) * claim 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B28D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 October 2000	Examiner De Gussem, J
<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>			

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

EP 98 11 4018

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23-10-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3315778 A	25-04-1967	DE 1264930 B	17-09-1958
		FR 1162766 A	
		GB 846388 A	
US 4230004 A	28-10-1980	SE 405957 B	15-01-1979
		DE 2810081 A	21-09-1978
		FI 780639 A	12-09-1978
		IT 1093757 B	26-07-1985
		SE 7702805 A	12-09-1978
EP 0328220 A	16-08-1989	NL 8800309 A	01-09-1989
		AT 111421 T	15-09-1994
		CA 1318878 A	08-06-1993
		DE 68918126 D	20-10-1994
		DE 68918126 T	12-01-1995
		ES 2063809 T	16-01-1995
		JP 1288524 A	20-11-1989
		US 4972937 A	27-11-1990