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EUROPEAN PATENT APPLICATION

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// E01C23/08

⑳ Date of filing: **31.08.82**

③① Priority: **02.09.81 GB 8126604**

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④③ Date of publication of application: **16.03.83**
Bulletin 83/11

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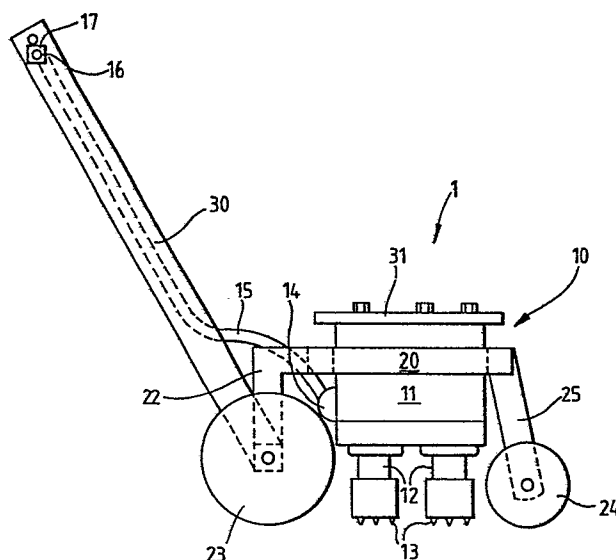
⑧④ Designated Contracting States: **AT BE CH DE FR GB IT LI NL SE**

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⑦④ Representative: **Pacitti, Pierpaolo A.M.E. et al, Ian G. Murgitroyd and Company 49 Bath Street, Glasgow G2 2DL (GB)**

⑤④ **Improvements in scabbling apparatus.**

⑤⑦ An apparatus (1, 40, 200) for scabbling concrete with a cylinder block (11, 41, 110, 220) which has a plurality of scabbling bit-carrying pistons (12, 52, 112) mounted for reciprocal movement. The cylinder block itself is mounted within a frame (20, 42, 120, 210) in such a way that it is free to move within the frame in the direction of the reciprocation of the pistons.





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. 3)
X	GB-A-1 302 702 (KLARCRETE LTD.) * Page 1, lines 9-14, 42-51, 78-80; page 2, lines 1-22; page 2, line 128 - page 3, line 94; page 4, lines 100-110; figures 1-3 *	1,2	B 28 D 1/28 B 28 D 7/02 E 01 C 23/08 //
Y	---	3,4,6-8	
Y	US-A-3 738 725 (VISSER) * Column 2, line 66 - column 3, line 32; figures *	3,4	
Y	---	6	
Y	DE-C- 472 654 (DEUTSCHE PRÄZISIONSWERKZEUG AG) * Whole document *		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
Y	---	7,8	E 01 C B 28 D B 63 D F 16 C
A	GB-A-1 407 206 (KLARCRETE LTD.) * Page 2, line 4 - page 5, line 9; figures *	1,6	
A	---	1,7	
A	WO-A-8 002 704 (FURBY) * Page 6, line 17 - page 11, line 24; figures *		
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 02-08-1983	Examiner DIJKSTRA G.
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	



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. ³)												
A	GB-A-1 056 011 (J. McDONALD & CO.) * Whole document *	1													
A	GB-A-1 085 351 (JONES & SHIPMAN LTD.) * Page 2, lines 9-44; figure 1 *	5													
A	US-A-3 679 273 (CUPLER) * Column 2, line 67 - column 3, line 27; figures 1-4 *	5													
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)												
Place of search THE HAGUE		Date of completion of the search 02-08-1983	Examiner DIJKSTRA G.												
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