



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 2794

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)
D,A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) & JP 2000 073409 A (SHIN CATERPILLAR MITSUBISHI LTD), 7 March 2000 (2000-03-07) * abstract; figure *	1,2	F15B11/16 E02F9/22
A	--- PATENT ABSTRACTS OF JAPAN vol. 011, no. 048 (M-561), 13 February 1987 (1987-02-13) & JP 61 211505 A (TOSHIBA MACH CO LTD), 19 September 1986 (1986-09-19) * abstract; figure *	1,2	
A	--- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 09 001087 A (KOBELCO KENKI ENG KK), 7 January 1997 (1997-01-07) * abstract; figure *	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E02F F15B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 16 September 2003	Examiner Sbaihi, M
<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>			

EPO FORM 1503 03.82 (P04001)

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

EP 01 30 2794

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.

16-09-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000073409 A	07-03-2000	JP 3365964 B2	14-01-2003
JP 61211505 9 A		NONE	
JP 09001087 9 A		NONE	

EPO FORM P0459

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