



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
19.05.2004 Bulletin 2004/21

(51) Int Cl.7: **B27C 5/06**, B25B 11/00,
B23Q 7/03

(43) Date of publication A2:
26.09.2001 Bulletin 2001/39

(21) Application number: **01830194.5**

(22) Date of filing: **20.03.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Rosati, Massimo**
61100 Pesaro (IT)

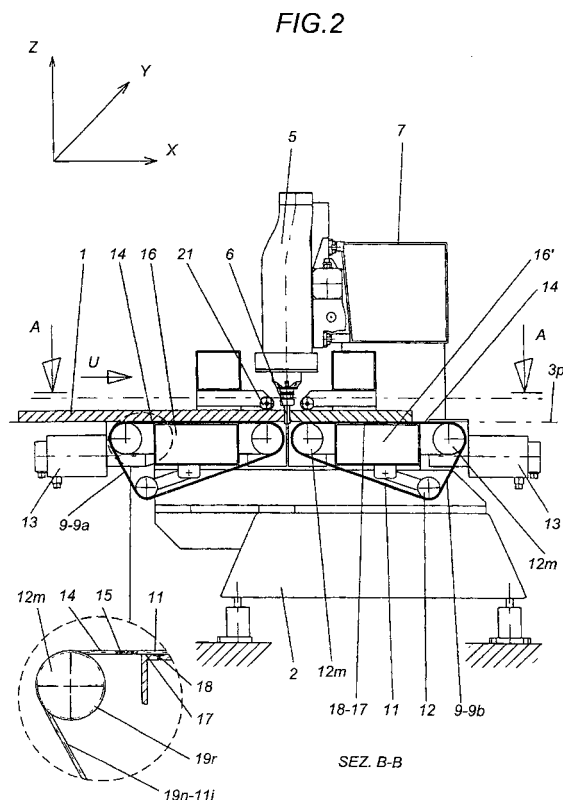
(74) Representative: **Lanzoni, Luciano**
c/o BUGNION S.p.A.
Via Goito, 18
40126 Bologna (IT)

(30) Priority: **24.03.2000 IT RN000016**

(71) Applicant: **SCM GROUP S.p.A.**
47900 Rimini (IT)

(54) **A work centre for cutting panels with work plane having aspirating movable belts**

(57) A CNC work centre for cutting wood panels (1), comprises a base (2), means (3) for supporting and horizontally conveying the panels (1), means (4) for securing the panels (1) by vacuum, a longitudinal member (7) integral with the base (2) and superior to the support plane of the panels (1), where a spindle (5) for a tool (6) is able to translate, and in which the means (3) are conveyor belt (11) assemblies (9) along a direction X, and said assemblies (9) form pairs (9c) whereof one assembly (9a) is preceding and one (9b) following, according to the direction X; a continuous slit (10) being configured between the preceding assembly (9a) and the following assembly (9b), suitable for through work operations by the tool (6); the belt (11) being holed and sliding on an aspirating surface (17).





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 83 0194

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	EP 0 687 521 A (SCM SPA) 20 December 1995 (1995-12-20) * abstract *	1	B27C5/06 B25B11/00 B23Q7/03
A	US 3 877 334 A (GERBER HEINZ JOSEPH) 15 April 1975 (1975-04-15) * column 7, line 9 - line 64 * * column 8, line 26 - line 27 *	1	
A	US 4 586 597 A (WOEGERER WOLFGANG) 6 May 1986 (1986-05-06)		
A	EP 0 198 274 A (INVESTRONICA SA) 22 October 1986 (1986-10-22)		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B23Q B27C B25B B26D B27B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 March 2004	Examiner Huggins, 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>			

EPO FORM 1503 03/82 (P04C01)

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

EP 01 83 0194

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.

29-03-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0687521	A	20-12-1995	IT	80940231 A1	20-11-1995
			DE	69501289 D1	05-02-1998
			DE	69501289 T2	16-04-1998
			EP	0687521 A1	20-12-1995
			US	5971381 A	26-10-1999

US 3877334	A	15-04-1975	NONE		

US 4586597	A	06-05-1986	AT	385697 B	10-05-1988
			AT	42884 A	15-10-1987
			EP	0151913 A2	21-08-1985
			ES	8601746 A1	01-03-1986
			JP	60180746 A	14-09-1985

EP 0198274	A	22-10-1986	ES	8606809 A1	16-10-1986
			AT	47066 T	15-10-1989
			CA	1259107 A1	05-09-1989
			DE	3518642 A1	02-10-1986
			DE	3666165 D1	16-11-1989
			DK	145886 A	02-10-1986
			EP	0198274 A1	22-10-1986
			FI	861322 A	02-10-1986
			IE	58881 B1	01-12-1993
			JP	1721803 C	24-12-1992
			JP	4008150 B	14-02-1992
			JP	61293669 A	24-12-1986
			US	4740668 A	26-04-1988
