



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 997 245 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.03.2001 Bulletin 2001/12

(51) Int. Cl.⁷: **B27D 5/00**

(43) Date of publication A2:
03.05.2000 Bulletin 2000/18

(21) Application number: **99830683.1**

(22) Date of filing: **29.10.1999**

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

Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **30.10.1998 IT BO980614**

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

(72) Inventors:

- **Maioli, Fabio**
47822 Santarcangelo di Romagna (RI) (IT)
- **Rosati, Massimo**
61100 Pesaro (IT)
- **Cavalli, Giuseppe**
47833 Morciano di Romagna (Rimini) (IT)

(74) Representative:

Lanzoni, Luciano et al
c/o BUGNION S.p.A.
Via Goito, 18
40126 Bologna (IT)

(54) **A panel edge machining unit**

(57) A unit for machining edges of panels (1) envisages two operating units (6, 7) controlled by means (8) which adjust and drive the units themselves and which comprise a respective structure (9, 10) that moves in both directions along an axis (Z) which is inclined with respect to a panel (1) feed line (L) and along a plane which is parallel to a vertical plane (V).

Each structure (9, 10) is pivoted at (U1; U2) so as to

enable the structures (9, 10) to swing in both directions in such a way as to drive each unit (6, 7) along defined straight and arched paths and in such a way as to define on the panel (1) two or more working positions, in permanent contact with the panel, such that both the units (6, 7), cause a band (4) applied to the edge (1b) to copy the shape of the edge itself.

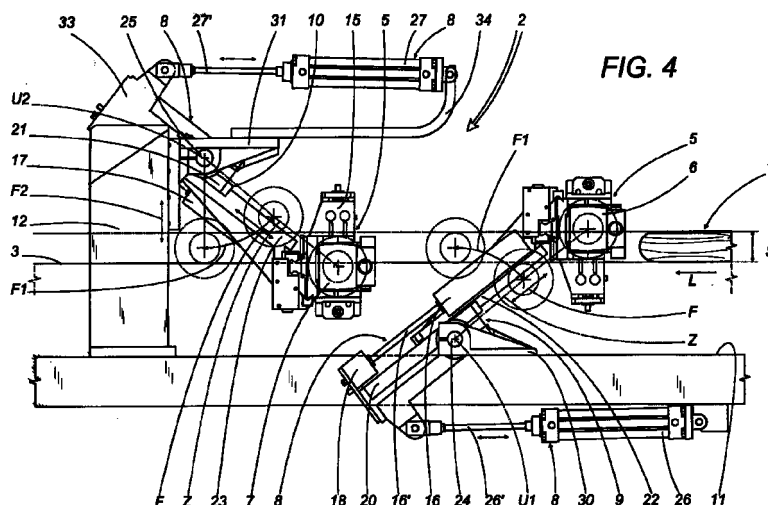


FIG. 4

EP 0 997 245 A3

EUROPEAN SEARCH REPORT

EPO FORM 1503 03.82 (P04C01)

2

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

EP 99 83 0683

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.

29-01-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 1467986 A	19-04-1967	NONE	

EPO FORM P0459

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