

Title (en)  
Centering means for a planar tool

Title (de)  
Zentriermittel für ein ebenes Werkzeug

Title (fr)  
Organe de centrage d'un outil plan

Publication  
**EP 1391277 A2 20040225 (FR)**

Application  
**EP 03018072 A 20030808**

Priority  
CH 14422002 A 20020822

Abstract (en)  
The centering part (1) for a packaging machine plane tool comprises a square or rectangular base (2) having side face (3) and front and rear (6) faces. Two bosses (10,20) emerge against the base lower face (7). The second boss has a section (21) surmounted by a protuberant head (22) having a projection (23) allowing its permanent fixing in an opening in one of the faces of the tool without the addition of any mechanical fixing part or adhesive substance.

Abstract (fr)  
Organe (1) de centrage d'un outil plan (40), pour une machine de production d'emballages, comprenant des moyens (20, 21, 22) autorisant sa fixation à demeure dans au moins une ouverture (42) ménagée dans l'une des faces de l'outil plan (40) sans l'adjonction d'aucune pièce mécanique de fixation et sans l'adjonction d'aucune substance ou élément adhésif. <IMAGE>

IPC 1-7  
**B26D 7/18**; B26D 7/26; B31B 1/20

IPC 8 full level  
**B26D 7/18** (2006.01); **B26D 7/26** (2006.01); **B31B 50/20** (2017.01)

CPC (source: EP US)  
**B26D 7/1818** (2013.01 - EP US); **B26D 7/2614** (2013.01 - EP US); **B26D 2007/189** (2013.01 - EP US); **B26D 2007/2607** (2013.01 - EP US); **B31B 50/20** (2017.07 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1391277 A2 20040225**; **EP 1391277 A3 20050817**; US 2004035304 A1 20040226

DOCDB simple family (application)  
**EP 03018072 A 20030808**; US 64516303 A 20030821