

Title (en)
CONTINUOUS BAND CENTERING DEVICE, IN PARTICULAR FOR BLISTER PACK PRODUCING MACHINE

Title (de)
VORRICHTUNG ZUM ZENTRIEREN EINES KONTINUIERLICHEN BANDS, INSBESONDER FÜR EINE BLISTERPACKUNGEN
PRODUZIERENDE MASCHINE

Title (fr)
DISPOSITIF DE CENTRAGE DE BANDE SANS FIN, DESTINE EN PARTICULIER AUX MACHINES DE PRODUCTION D'EMBALLAGES BLISTER

Publication
EP 1175365 A1 20020130 (EN)

Application
EP 00919104 A 20000503

Priority
• IB 0000571 W 20000503
• IT BO990221 A 19990505

Abstract (en)
[origin: WO0068130A1] A device for centering a continuous band (2) driven through a series of working stations (7, 8) in a movement direction (D) includes at least one pair of rollers (12) rotatably carried with vertical axes, at the ends of arms (15). The arms (15) are pivoted along corresponding vertical axes on both sides of the band (2) symmetrically with respect to a longitudinal middle axis (A). The arms (15) are equipped with levers (23) for driving the arms (15) into symmetrical oscillation by limited angles. The arms (15) are subjected to the action of springs (22) which keep the rollers (12) touching the opposite sides of the band (2), so as to center the band (2) with respect to the movement direction (D).

IPC 1-7
B65H 23/02; **B65H 23/038**

IPC 8 full level
B65H 23/02 (2006.01); **B65H 23/038** (2006.01)

CPC (source: EP)
B65H 23/0208 (2013.01); **B65H 23/038** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0068130 A1 20001116; AU 3984900 A 20001121; BR 0010285 A 20030708; CN 1151054 C 20040526; CN 1353664 A 20020612; CZ 20013954 A3 20020814; DE 60004510 D1 20030918; DE 60004510 T2 20040219; EE 04426 B1 20050215; EE 200100577 A 20030415; EP 1175365 A1 20020130; EP 1175365 B1 20030813; ES 2204551 T3 20040501; IT 1309695 B1 20020130; IT BO990221 A0 19990505; IT BO990221 A1 20001105; JP 2002544092 A 20021224; MX PA01011237 A 20020604; PL 351375 A1 20030407; RU 2217368 C2 20031127

DOCDB simple family (application)
IB 0000571 W 20000503; AU 3984900 A 20000503; BR 0010285 A 20000503; CN 00808512 A 20000503; CZ 20013954 A 20000503; DE 60004510 T 20000503; EE P200100577 A 20000503; EP 00919104 A 20000503; ES 00919104 T 20000503; IT BO990221 A 19990505; JP 2000617114 A 20000503; MX PA01011237 A 20000503; PL 35137500 A 20000503; RU 2001132725 A 20000503