

Title (en)  
Machine for the production of groups of roll products

Title (de)  
Maschine zur Herstellung von Rollproduktgruppen

Title (fr)  
Machine de production de groupes de produits en rouleaux.

Publication  
**EP 1801015 A3 20080604 (EN)**

Application  
**EP 06126625 A 20061220**

Priority  
IT BO20050772 A 20051220

Abstract (en)  
[origin: EP1801015A2] A machine for the production of groups of roll products includes a second unit (5) for turning and grouping a plurality of product groups (4) and comprising: an endless drive system (6) mounting a plurality of paddles (7) protruding radially from the path line (P6) of the drive system (6); each paddle (7) forming, with the next one, a space (S) for receiving a product group (4) and turning it through at least a right angle ( $\pm$ ); the second unit (5) comprises a set number of paddles (7); a division of the paddles (7) into two distinct groups (7a, 7b) connected respectively to a first drive system (6a) and a second drive system (6b) in such a way that the paddles (7) are positioned alternately; means (8) for adjusting one of the groups (7a) of paddles (7) relative to the other group (7b), in such a way as to define two different operating positions between the two groups (7a, 7b) of paddles (7), namely, a first position in which the paddles (7) of the two groups (7a, 7b) are equally spaced to form a working containment space (S1) and a second position in which the paddles (7) of the two groups (7a, 7b) are positioned close together in pairs to form a second working containment space (S2) that is larger than the first containment space (S1).

IPC 8 full level  
**B65B 25/14** (2006.01); **B65B 35/56** (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP US)  
**B65B 25/146** (2013.01 - EP US); **B65B 35/44** (2013.01 - EP); **B65B 35/56** (2013.01 - US); **B65B 35/58** (2013.01 - EP);  
**B65B 59/001** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US)

Citation (search report)  
• [A] EP 1306308 A1 20030502 - CASMATIC SPA [IT]  
• [A] WO 9607592 A2 19960314 - UNILEVER PLC [GB], et al  
• [A] US 5711137 A 19980127 - MONCRIEF FRANK [US], et al  
• [A] US 4679379 A 19870714 - CASSOLI PAOLO [IT]

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1801015 A2 20070627**; **EP 1801015 A3 20080604**; **EP 1801015 B1 20100526**; AT E469031 T1 20100615; DE 602006014495 D1 20100708;  
IT BO20050772 A1 20070621; US 2007137143 A1 20070621

DOCDB simple family (application)  
**EP 06126625 A 20061220**; AT 06126625 T 20061220; DE 602006014495 T 20061220; IT BO20050772 A 20051220; US 64070206 A 20061218