

Title (en)  
MACHINE AND METHOD FOR MAKING A SHEET OF SINGLE FACE CORRUGATED CARDBOARD.

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINSEITIGER WELLPAPPE.

Title (fr)  
MACHINE ET PROCEDE DE FABRICATION D'UNE FEUILLE DE CARTON ONDULE SIMPLE FACE.

Publication  
**EP 0662045 A1 19950712 (FR)**

Application  
**EP 94922934 A 19940718**

Priority  
• FR 9308909 A 19930720  
• FR 9400896 W 19940718

Abstract (en)  
[origin: US5614048A] PCT No. PCT/FR94/00896 Sec. 371 Date May 15, 1995 Sec. 102(e) Date May 15, 1995 PCT Filed Jul. 18, 1994 PCT Pub. No. WO95/03166 PCT Pub. Date Feb. 2, 1995A machine for manufacturing a sheet of corrugated board by gluing a fluted sheet of board onto a liner sheet of board includes: a fluted cylinder, a central fluted cylinder equipped with an assembly for applying the fluted sheet against its periphery, a smooth cylinder for bringing the liner sheet into contact with the crests of the flutes of the fluted sheet, and a motorized smooth heating cylinder situated downstream of a path of the corrugated board and entirely at distance from the first three cylinders; an assembly for controlling and adjusting the rotational speed of the motorized smooth heating cylinder; and an assembly for adjusting and maintaining during operation the pressure of the liner sheet on the flutes of the fluted sheet over a line of contact below 3 kg/cm. The fourth cylinder presses the fluted sheet onto the central fluted cylinder over an circular arc corresponding to a subtended angle between an order of 30 DEG and an order of 80 DEG . The fourth cylinder contacts with the back of the liner sheet over an circular arc corresponding to a subtended angle between an order of 90 DEG and an order of 200 DEG .

IPC 1-7  
**B31F 1/28**; **B32B 31/00**

IPC 8 full level  
**B31F 1/28** (2006.01); **B32B 3/28** (2006.01); **B32B 29/08** (2006.01)

CPC (source: EP US)  
**B31F 1/285** (2013.01 - EP US); **B31F 1/2854** (2013.01 - EP US); **B31F 1/2877** (2013.01 - EP US); **Y10T 156/1016** (2015.01 - EP US); **Y10T 156/1025** (2015.01 - EP US)

Citation (search report)  
See references of WO 9503166A1

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

DOCDB simple family (publication)  
**US 5614048 A 19970325**; AT E179113 T1 19990515; AU 690914 B2 19980507; AU 7266594 A 19950220; BR 9405547 A 19990908; CA 2144984 A1 19950202; CN 1112781 A 19951129; CZ 101695 A3 19951213; DE 69418015 D1 19990527; DE 69418015 T2 19991118; DE 69418015 T3 20030522; DE 9421377 U1 19951221; DK 0662045 T3 19991101; EP 0662045 A1 19950712; EP 0662045 B1 19990421; EP 0662045 B2 20021120; ES 2132418 T3 19990816; ES 2132418 T5 20030316; FI 951229 A0 19950316; FI 951229 A 19950316; FR 2708011 A1 19950127; FR 2708011 B1 19951013; JP H08501740 A 19960227; NO 951043 D0 19950317; NO 951043 L 19950522; NZ 278300 A 19960528; PL 175160 B1 19981130; PL 308126 A1 19950724; TR 28247 A 19960328; TW 290496 B 19961111; WO 9503166 A1 19950202; ZA 945270 B 19950808

DOCDB simple family (application)  
**US 40374895 A 19950515**; AT 94922934 T 19940718; AU 7266594 A 19940718; BR 9405547 A 19940718; CA 2144984 A 19940718; CN 94190517 A 19940718; CZ 101695 A 19940718; DE 69418015 T 19940718; DE 9421377 U 19940718; DK 94922934 T 19940718; EP 94922934 A 19940718; ES 94922934 T 19940718; FI 951229 A 19950316; FR 9308909 A 19930720; FR 9400896 W 19940718; JP 50497295 A 19940718; NO 951043 A 19950317; NZ 27830094 A 19940718; PL 30812694 A 19940718; TR 70594 A 19940720; TW 83108077 A 19940902; ZA 945270 A 19940718