

Title (en)
Corrugating apparatus

Title (de)
Vorrichtung zur Herstellung von Wellpappen

Title (fr)
Dispositif pour la fabrication de Carton Ondulé

Publication
EP 0909634 A2 19990421 (EN)

Application
EP 98302321 A 19980325

Priority
GB 9706336 A 19970326

Abstract (en)
Corrugating apparatus in which a continuous single faced board (10) consisting of a corrugated sheet glued on one face to a further flat sheet and with glue applied to the exposed tips on the opposite face of the board is to be brought together while continuously advancing through the apparatus, with a second flat sheet (12) to be adhered to the exposed tips, the apparatus comprising transport means (C) to advance the corrugated board and the second flat sheet simultaneously in the same direction through the apparatus and a dielectric heating means (B) to cure the glue to form a bond between the board and the sheet, initial bonding preferably being provided by a pre-heating section (A) in which the board travels across a hotplate surface (31), the board being held uniformly and in contact therewith by a series of fluid filled flexible vessels (32). Radio frequency generated in the heating section (B) considerably reduces the length of or obviates the need for a pre-heating section (A). <IMAGE>

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B31F 1/28

IPC 8 full level
B31F 1/28 (2006.01)

CPC (source: EP)
B31F 1/285 (2013.01); **B31F 1/2881** (2013.01)

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US7753832B2; WO03084739A1

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