

Title (en)

A single facer corrugating machine.

Title (de)

Einseitige Wellpappenmaschine.

Title (fr)

Machine pour la fabrication de carton ondulé à face simple.

Publication

**EP 0098936 A1 19840125 (DE)**

Application

**EP 83104707 A 19830513**

Priority

DE 8217295 U 19820616

Abstract (en)

1. A one-sided corrugated cardboard machine having an upper and a lower corrugated roll for corrugating a corrugation material, especially of paper or cardboard, as well as a pressure roll associated with the lower corrugated roll for connecting the corrugated web to a covering web, with the corrugation of both corrugated rolls being shaped essentially identically and the corrugation peak of the corrugated rolls being formed with a radius which is smaller than the radius of the corrugated ground, characterized in that the flank (13) between the corrugation peak (11) and the corrugation ground (12) is offset backwards vis-à-vis the common tangent of the circular arcs of corrugation peak and corrugation ground and in that the radius of the corrugation ground (12) is greater than that of the corrugation ground (12) essentially only by the thickness of the corrugated material web.

Abstract (de)

Einseitige Wellpappenmaschine mit einer oberen und einer unteren Riffelwalze zur Riffelung eines Wellenstoffes, insbesondere aus Papier oder Pappe, sowie einer der unteren Riffelwalze zugeordneten Preßwalze zur Verbindung der gewellten Bahn mit einer Deckbahn, wobei der Riffelgrund der Riffelwalzen einen Radius aufweist, der um mindestens die Dicke der Wellstoffbahn größer als der Radius der Riffelspitzen ist, wobei die Flanke (13) zwischen Riffelspitze (11) und Riffelgrund (12) gegenüber der gemeinsamen Tangente an den Kreisbögen von Riffelspitze und Riffelgrund zurückversetzt liegt.

IPC 1-7

**B31F 1/26**

IPC 8 full level

**B31F 1/26** (2006.01); **B31F 1/28** (2006.01)

CPC (source: EP)

**B31F 1/2863** (2013.01)

Citation (search report)

- DE 2611325 A1 19770929 - BHS BAYERISCHE BERG
- US 3053309 A 19620911 - WILSON HARRY W, et al

Cited by

US6112793A; EP0872333A1; EP0901898A1; GB2284433A; US5626709A; GB2284433B

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0098936 A1 19840125**; **EP 0098936 B1 19860917**; AT E22253 T1 19861015; DE 3366222 D1 19861023; DE 8217295 U1 19821007; DK 159605 B 19901105; DK 159605 C 19910415; DK 271983 A 19831217; DK 271983 D0 19830614; ES 281188 U 19850301; ES 281188 Y 19851016

DOCDB simple family (application)

**EP 83104707 A 19830513**; AT 83104707 T 19830513; DE 3366222 T 19830513; DE 8217295 U 19820616; DK 271983 A 19830614; ES 281188 U 19830601