Title (en)

A SINGLE FACER CORRUGATING MACHINE

Publication

EP 0104372 B1 19860924 (DE)

Application

EP 83107719 A 19830805

Priority

DE 3232774 A 19820903

Abstract (en)

[origin: EP0104372A1] 1. A one-sided corrugated cardboard machine comprising a first corrugated roll (10) and a second corrugated roll (11) in meshing engagement with each other and between which a paper web (13) to be corrugated is introduced, an adhesive applicator (18) for dispensing an adhesive onto the peaks of the corrugated cardboard web (14), a contact pressure means cooperating with the second corrugated roll (11) for applying a covering web (20) onto the corrugated cardboard web (14) comprising a first deviation roll (21) and a second deviation roll (22) in parallel spaced arrangement with respect to each other, and via which the covering web (20) coming from an uncoiler is guided in such a manner that it places itself under pressure against the coardboard web (14) on the second corrugated roll (11), and in which a blowing means (25) is arranged between the deviation rolls (21, 22) which builds up a compressed air cushion (27) on the side of the covering web (20) facing away from the second corrugated roll (11), characterized in that the covering web (20) by means of a pull-off device (23) and against a braking means between the uncoiler and the second corrugated roll (11) directly surrounds the deviation rolls (21, 22) with a predetermined tension and serves itself as a contact pressure element and the compressed air cushion (27) is effective directly on the covering web (20).

IPC 1-7

B31F 1/28

IPC 8 full level

B31F 1/28 (2006.01)

CPC (source: EP)

B31F 1/2877 (2013.01)

Cited by

EP0794050A1; EP0911145A3; US5630903A; US5632850A; FR2570327A1; AU609089B2; EP0279609A3; GB2513226A; GB2513226B; EP0687552A2; EP0687553A2; WO9726132A1

Designated contracting state (EPC)

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