

Title (en)
METHOD AND APPARATUS FOR MAKING A CORRUGATED STRUCTURE

Publication
EP 0083741 B1 19860305 (DE)

Application
EP 82111389 A 19821208

Priority
CH 17582 A 19820113

Abstract (en)
1. A process for the continuous production of a corrugated member comprising a backing web (3) and a top web (2) which is arranged in a corrugated configuration on the backing web (3), wherein the top web is connected at connecting locations in the region of the depressions which extend transversely with respect to the direction of the web, by the backing web (3) being moved cyclically forwards relative to a shaping station (1) and the top web (2) which is to be connected to the backing web (3) being supplied from a feed means, and by the top web being deformed at the shaping station (1) by means of first and second pressing means (4, 5), over a deforming element (6) disposed between the two webs, and being pressed against the backing web (3) at the connecting locations, characterized in that at the shaping station (1), during a rest phase, a deforming element (6) is inserted laterally between the backing web (3) and the top web (2), that the first pressing means (4) which is downstream of the deforming element (6) in the direction of advance movement is lowered and then the second pressing means (5) which is upstream of the deforming element (6) in the direction of advance movement is lowered, in which operation the top web (2) is deformed and connected to the backing web (3), that the first pressing means (4) is raised and the deforming element (6) is withdrawn laterally, and that then the second pressing means (5) is raised and the backing web (3) is moved on by an advance step, and then the operation at the station begins afresh.

IPC 1-7
B31F 1/24; **B31F 1/29**

IPC 8 full level
B31F 1/29 (2006.01); **B31F 1/24** (2006.01)

CPC (source: EP KR US)
B31F 1/247 (2013.01 - EP US); **B31F 1/29** (2013.01 - KR)

Cited by
EP0115746A3; CN109367136A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0083741 A1 19830720; **EP 0083741 B1 19860305**; AT E18370 T1 19860315; AU 549348 B2 19860123; AU 9118982 A 19830721; CA 1220985 A 19870428; DE 3269734 D1 19860410; JP S58134733 A 19830811; JP S6343224 B2 19880829; KR 840003068 A 19840813; KR 880001938 B1 19881004; US 4894113 A 19900116

DOCDB simple family (application)
EP 82111389 A 19821208; AT 82111389 T 19821208; AU 9118982 A 19821207; CA 419008 A 19830106; DE 3269734 T 19821208; JP 18360582 A 19821019; KR 830000090 A 19830112; US 21108888 A 19880621