

Title (en)
A folding box.

Title (de)
Faltschachtel.

Title (fr)
Boîte pliante.

Publication
EP 0303582 A1 19890215 (EN)

Application
EP 88850243 A 19880707

Priority
SE 8702849 A 19870713

Abstract (en)
A package of the folding box type comprising side wall panels of cardboard or similar material and end closure panels at each end of the side wall panels. A first set of creasing lines (51) in the longitudinal direction of the folding box define a polygonal folding box cross section. Perpendicular to said first creasing lines there is arranged a second set of creasing lines (53, 53a; 63, 63a) for defining transitions between the sleeve and a respective one of the end closure panels. Adjacent end closure panels (54, 55; 64, 65) are separated by a punch line or a punched out portion (56; 66) which is defined as a punch line (58). The section of this punch line (58) adjacent to a real or an imaginary crossing point between said set of creasing lines is formed as a continuous panel outer edge line (57), the purpose of which is to uniformly distribute the strain of the plastics layer when folding out the panels (54, 55) in connection with the heat sealing of a membrane to the folding box end.

IPC 1-7
B65D 5/02; **B65D 5/42**; **B65D 5/56**

IPC 8 full level
B65D 5/02 (2006.01); **B65D 5/42** (2006.01); **B65D 5/56** (2006.01)

CPC (source: EP)
B65D 5/0272 (2013.01); **B65D 5/4279** (2013.01); **B65D 5/563** (2013.01)

Citation (search report)

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- [X] CH 327604 A 19580131 - AKERLUND & RAUSING AB [SE]
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Cited by
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Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL

DOCDB simple family (publication)
EP 0303582 A1 19890215; **EP 0303582 B1 19911023**; AT E68764 T1 19911115; DE 3865773 D1 19911128; ES 2026696 T3 19920501; SE 468941 B 19930419; SE 8702849 D0 19870713; SE 8702849 L 19890114

DOCDB simple family (application)
EP 88850243 A 19880707; AT 88850243 T 19880707; DE 3865773 T 19880707; ES 88850243 T 19880707; SE 8702849 A 19870713