

Title (en)

Foldable package having opening aid with variable pitch of perforations

Title (de)

Faltbare Verpackung mit Öffnungshilfe mit veränderlichem Anstellwinkel von Perforationen

Title (fr)

Emballage pliable avec aide à l'ouverture muni de variables angles d'orientation de perforations

Publication

**EP 2030901 B1 20111019 (DE)**

Application

**EP 08075733 A 20080827**

Priority

DE 102007041005 A 20070829

Abstract (en)

[origin: EP2030901A1] The aid has a perforation line (2) with material straps (4), material gaps (3) and curved-in sections, where the material straps and/or material gaps have an alignment differing from tangent to the perforation line with a setting angle changing over characteristics of the perforation line. The setting angle is selected such that force vector acting on the material gap when breaking the aid forms an angle between the material gap and force vector of 75 to 105 degrees.

IPC 8 full level

**B65D 5/54** (2006.01)

CPC (source: EP)

**B26F 1/18** (2013.01); **B65D 5/54** (2013.01)

Cited by

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Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**DE 202008011556 U1 20081127**; DE 102007041005 A1 20090305; EP 2030901 A1 20090304; EP 2030901 B1 20111019; EP 2030901 B9 20120815; ES 2375669 T3 20120305

DOCDB simple family (application)

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