

Title (en)

Device for opening a tubular pouch and its use

Title (de)

Vorrichtung zum Öffnen eines Schlauchbeutels und deren Verwendung

Title (fr)

Dispositif pour ouvrir un sachet tubulaire et son utilisation

Publication

EP 1557363 B1 20080213 (DE)

Application

EP 05000295 A 20050108

Priority

DE 102004003774 A 20040123

Abstract (en)

[origin: EP1557363A1] The device has an insertion tube with an opening facing the bag at one end and an outlet opening for the paste material connected to it by a throughflow channel., a blade attached to the insertion tube for perforating the bag with at least one point facing the bag and for cutting the bag with at least one blade connected to the point. The shape of the blade follows the inner wall of the outlet opening for the material contained in the bag. An independent claim is also included a method of manufacturing pre-opened and reclosable bags.

IPC 8 full level

B65B 69/00 (2006.01); **B65D 83/00** (2006.01); **B65D 75/70** (2006.01); **B65D 77/06** (2006.01); **B05C 17/005** (2006.01)

CPC (source: EP US)

B05C 17/00586 (2013.01 - EP US); **B65B 69/0041** (2013.01 - EP US)

Cited by

EP3156350A1; CN105173279A; BE1018873A5; DE102007018143B3; EP1982922A1; RU2649511C2; US8020728B2; WO2014056952A1; US10287061B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1557363 A1 20050727; **EP 1557363 B1 20080213**; AT E385958 T1 20080315; DE 102004003774 A1 20050825; DE 502005002783 D1 20080327; JP 2005206254 A 20050804; US 2005161454 A1 20050728

DOCDB simple family (application)

EP 05000295 A 20050108; AT 05000295 T 20050108; DE 102004003774 A 20040123; DE 502005002783 T 20050108; JP 2005016181 A 20050124; US 2324904 A 20041227