

Title (en)
APPARATUS FOR OPENING A PACKAGE OF POWDERED MATERIAL

Title (de)
VORRICHTUNG ZUM ÖFFNEN EINER VERPACKUNG VON PULVERFÖRMIGEM MATERIAL

Title (fr)
APPAREIL SERVANT À OUVRIR UN EMBALLAGE DE MATÉRIAU EN POUDRE

Publication
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Application
EP 18872843 A 20181101

Priority
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• IB 2018058572 W 20181101

Abstract (en)
[origin: WO2019087117A1] An apparatus (10) for opening a package (P) of powder/granular type product comprised of: a clamping device (12) for clamping the package when it is lying flat and orienting the package into an upright position. A puncture means (15) is configured to puncture the package when upright to break any vacuum in the package or otherwise equalise it with atmospheric pressure. A cutting blade (17) engages upwardly with a bottom of the package (P) enabling powder to flow out freely under gravity toward a chute (18) and further processing. In one form there is a vacuum operated removal chute (19) that sucks an empty bag away after emptying.

IPC 8 full level
B26D 7/18 (2006.01); **B65B 69/00** (2006.01)

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Citation (search report)
• [XYI] AU 2984684 A 19860102 - JSK MECHANICAL HANDLING LTD
• [XYI] US 5613824 A 19970325 - KATO FUMIO [JP]
• [A] SU 1532437 A1 19891230 - KI KOM STROJINDUSTRIYA [SU]
• [XYI] JP S59187529 A 19841024 - JIYOOJI SAIMON
• [Y] JP 2007217006 A 20070830 - GUNZE KK
• See references of WO 2019087117A1

Designated contracting state (EPC)
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