

Title (en)

A bag-breaking machine for single-use bags

Title (de)

Vorrichtung zum Aufreissen von Säcken für einmalige Verwendung

Title (fr)

Machine pour déchirer des sacs à usage unique

Publication

EP 1123868 B1 20030528 (EN)

Application

EP 00830084 A 20000208

Priority

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Abstract (en)

[origin: EP1123868A1] The bag-breaking machine for single-use bags comprises a conveyor screw (5) made of a spiral-wound metal sheet arranged coaxially and internally of a channel (3) into which one or more than one bags (2) can be introduced. The screw (5) can be rotated on command about an axis thereof in order to transfer the bags (2) towards a discharge end (4) of the channel (3). The screw (5) affords a free space in a central zone thereof. A screening device (9) is predisposed to receive the bags (2) after they are broken open and the material as they exit from the discharge end (4) of the channel (3). The machine is particularly useful for separating granular and powdery material from a bag which the material was previously contained in. <IMAGE>

IPC 1-7

B65B 69/00

IPC 8 full level

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CPC (source: EP)

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Cited by

CN105059639A; CN105013691A; ITMO20100174A1; CN106975594A; CN108146754A; GB2467887A; GB2467887B; US9174755B2; WO2009075584A1

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