

Title (en)

A machine for forming bundles of compacted objects inside a sack

Title (de)

Vorrichtung zum Bündeln von gepressten Gegenständen innerhalb eines Beutels

Title (fr)

Dispositif pour la formation de paquets d'objets compactés à l'intérieur d'un sac

Publication

EP 1053862 A1 20001122 (EN)

Application

EP 00830315 A 20000428

Priority

IT MO990104 A 19990514

Abstract (en)

A conveyor screw (7) conveys objects (2) to be compacted towards an outlet (5) of a tubular conduit (3), about which a sack (6) is fitted. The sack (6) is progressively unfolded from the conduit (3) by effect of the thrust of the objects (2) as they leave the outlet (5). A deformable truncoconical wall (8) is predisposed upstream of the outlet (5) to contrast an advancement of the objects (2), which are then forced against the wall (8) and forced to pass through a passage afforded at a centre of the wall (8). Before entering the sack (6) the objects (2) are crushed between the conveyor screw (7) and the wall (8). The machine is used for collecting and disposal of single-use bags made of a flexible material such as paper, sackcloth, jute or plastic, used for packing powder or granular materials. <IMAGE>

IPC 1-7

B30B 9/30; **B65B 1/12**

IPC 8 full level

B30B 9/30 (2006.01); **B65B 9/15** (2006.01); **C02F 11/12** (2006.01)

CPC (source: EP US)

B30B 9/3082 (2013.01 - EP US); **B30B 9/3096** (2013.01 - EP); **B65B 9/15** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1053862 A1 20001122; IT 1311189 B1 20020304; IT MO990104 A0 19990514; IT MO990104 A1 20001114

DOCDB simple family (application)

EP 00830315 A 20000428; IT MO990104 A 19990514