

Title (en)
Apparatus for filling a sack

Title (de)
Vorrichtung zum Befüllen eines Sackes

Title (fr)
Dispositif de remplissage de sac

Publication
EP 1512631 A3 20051019 (DE)

Application
EP 04020019 A 20040824

Priority
DE 10341174 A 20030906

Abstract (en)
[origin: EP1512631A2] The filling device includes an issuing funnel (12), filling tube (13), a conveyor screw (14) in the filling tube and connected to a rotary drive motor, and a height adjustable closer (16) at the lower end of the filling tube. The rotary drive motor, conveyor screw and closer are an adjustable in height relative to the filling tube.

IPC 1-7
B65B 39/00; **B65B 1/12**

IPC 8 full level
B65B 1/12 (2006.01); **B65B 37/10** (2006.01); **B65B 39/00** (2006.01)

CPC (source: EP US)
B65B 1/12 (2013.01 - EP US); **B65B 37/10** (2013.01 - EP US); **B65B 39/004** (2013.01 - EP US)

Citation (search report)
• [A] EP 1338510 A1 20030827 - BMH CHRONOS RICHARDSON GMBH [DE]
• [AD] DE 19962475 A1 20010712 - CHRONOS RICHARDSON GMBH [DE]
• [AD] DE 19828559 C1 20000316 - CHRONOS RICHARDSON GMBH [DE]

Cited by
CN104495420A; WO2008154463A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1512631 A2 20050309; **EP 1512631 A3 20051019**; **EP 1512631 B1 20080702**; **EP 1512631 B8 20080903**; AT E399716 T1 20080715;
CA 2480299 A1 20050306; CA 2480299 C 20071127; DE 10341174 A1 20050407; DE 502004007478 D1 20080814;
US 2005133111 A1 20050623; US 7036538 B2 20060502

DOCDB simple family (application)
EP 04020019 A 20040824; AT 04020019 T 20040824; CA 2480299 A 20040903; DE 10341174 A 20030906; DE 502004007478 T 20040824;
US 93334704 A 20040903