

Title (en)
Method and device for filling a container

Title (de)
Verfahren und Vorrichtung zum Befüllen eines Gebindes

Title (fr)
Procédé et dispositif destinés au remplissage d'une gerbe

Publication
EP 2098452 B1 20121219 (DE)

Application
EP 09002924 A 20090302

Priority
DE 102008012218 A 20080303

Abstract (en)
[origin: EP2098452A2] The method involves filling a free-flowing goods in a valve sack (4) during a filling stage by using a filling pipe (3), and providing a slow-down phase for evacuating the valve sack in a slow-down stage. A pressing force is exerted on the valve sack by using a pressing device (5), until a predetermined reduction of the volume of the valve sack is achieved. A value for the volume of the valve sack is detected by a detection device and a removal signal is provided, such that the pressing force on the valve sack is reduced and the valve sack is removed from the filling pipe. An independent claim is also included for a device for filling a flexible container e.g. sack, with free-flowing goods.

IPC 8 full level
B65B 1/24 (2006.01); **B65B 1/30** (2006.01); **B65B 39/04** (2006.01); **B65B 57/18** (2006.01)

CPC (source: EP US)
B65B 1/04 (2013.01 - US); **B65B 1/18** (2013.01 - EP US); **B65B 1/24** (2013.01 - EP US); **B65B 1/32** (2013.01 - US);
B65B 39/04 (2013.01 - EP US)

Cited by
CN104859875A; CN110667943A; CN111392078A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2098452 A2 20090909; EP 2098452 A3 20091007; EP 2098452 B1 20121219; CA 2655268 A1 20090903; CA 2655268 C 20160419;
DE 102008012218 A1 20090910; ES 2401175 T3 20130417; US 2009272460 A1 20091105; US 8720494 B2 20140513

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