

Title (en)
METHOD FOR PRODUCING A CONTAINER FOR A BULK PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BEHÄLTERS FÜR EIN FÜLLGUT

Title (fr)
PROCÉDÉ DE FABRICATION D'UN CONTENANT POUR UNE MATIÈRE DE REMPLISSAGE

Publication
EP 2675726 A1 20131225 (DE)

Application
EP 12705061 A 20120215

Priority
• DE 102011011352 A 20110216
• EP 2012000668 W 20120215

Abstract (en)
[origin: CA2830345A1] The invention relates to a container (10) for a bulk product, comprising a housing (12) and a rubber-elastic force-generating body (24) protruding into the housing and having a filling space for receiving the bulk product. The force-generating body has a closed first longitudinal end and is suspended relative to the housing in the area of an opposite second longitudinal end. When being filled, the force-generating body expands radially and axially in the housing in such a manner that when a partially filled state is reached said body makes contact with a first wall part (16) of the housing (12) radially bounding the expansion, and when filling is continued the first longitudinal end approaches a second wall part (18) of the housing axially bounding the expansion as the axial enlargement of the area of contact between the force-generating body and the first wall part increases. Before the force-generating body is filled, at least one part the first wall part on the inside of the housing and/or at least one part of the outer face of the force-generating body is subjected to a friction-reducing surface treatment.

IPC 8 full level
B65D 83/00 (2006.01)

CPC (source: EP KR US)
B65B 3/02 (2013.01 - US); **B65B 3/10** (2013.01 - US); **B65D 83/0061** (2013.01 - EP US); **B65D 83/42** (2013.01 - KR); **B65D 83/62** (2013.01 - KR); **B65D 83/42** (2013.01 - EP US); **B65D 83/62** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US); **Y10T 29/49885** (2015.01 - EP US)

Citation (search report)
See references of WO 2012110235A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011011352 A1 20120816; DE 102011011352 B4 20130606; BR 112013020830 A2 20161004; CA 2830345 A1 20120823; CN 103476683 A 20131225; EP 2675726 A1 20131225; JP 2014506859 A 20140320; KR 20140027112 A 20140306; RU 2013140862 A 20150327; US 2014061244 A1 20140306; WO 2012110235 A1 20120823

DOCDB simple family (application)
DE 102011011352 A 20110216; BR 112013020830 A 20120215; CA 2830345 A 20120215; CN 201280018802 A 20120215; EP 12705061 A 20120215; EP 2012000668 W 20120215; JP 2013553836 A 20120215; KR 20137024418 A 20120215; RU 2013140862 A 20120215; US 201213985309 A 20120215