

Title (en)
SPOUT AND LIQUID CONTAINING BODY WITH SPOUT

Title (de)
AUSGUSS UND FLÜSSIGKEITSBEHÄLTER MIT DEM AUSGUSS

Title (fr)
BEC VERSEUR ET CORPS CONTENANT UN LIQUIDE AVEC BEC VERSEUR

Publication
EP 2354027 A1 20110810 (EN)

Application
EP 09820531 A 20091006

Priority
• JP 2009067391 W 20091006
• JP 2008267826 A 20081016

Abstract (en)
A spout (4) that is attached to a pouch-like bag and through which the contents filled in the bag are discharged, the spout includes: a tubular portion (49) in which a through hole (12) is formed and from a leading end of which the contents are discharged; and a rib (20) that extends from the inner circumferential surface of the tubular portion (9) towards the central axis side (13) of the through hole (12). A hole (21) surrounded by the edge of the extended rib (20) is formed in the part where the rib (20) is formed. This configuration makes it easy to secure the strength of the rib (20) and is advantageous in preventing breakage and deformation of the rib (20). Thus, accidental insertion of connecting needles can be prevented with more certainty

IPC 8 full level
B65D 33/38 (2006.01); **A61J 1/10** (2006.01); **B65D 47/06** (2006.01)

CPC (source: EP KR US)
A61J 1/10 (2013.01 - KR); **A61J 1/1475** (2013.01 - EP KR US); **A61J 1/1481** (2015.05 - KR); **A61J 7/0053** (2013.01 - KR); **B65D 5/643** (2013.01 - KR); **B65D 47/06** (2013.01 - EP KR US); **B65D 83/0005** (2013.01 - KR); **A61J 1/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2010044353A1

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 SM TR

DOCDB simple family (publication)
EP 2354027 A1 20110810; CN 102186736 A 20110914; CN 102186736 B 20121128; JP 5310731 B2 20131009; JP WO2010044353 A1 20120315; KR 101668500 B1 20161021; KR 20110070995 A 20110627; US 2011180566 A1 20110728; WO 2010044353 A1 20100422

DOCDB simple family (application)
EP 09820531 A 20091006; CN 200980140996 A 20091006; JP 2009067391 W 20091006; JP 2010533874 A 20091006; KR 20117010182 A 20091006; US 200913122653 A 20091006