

Title (en)
Refill system of a liquid container

Title (de)
Nachfüllsystem für einen Flüssigkeitsbehälter

Title (fr)
Système de recharge d'un récipient de liquide

Publication
EP 2837427 A1 20150218 (EN)

Application
EP 13180348 A 20130814

Priority
EP 13180348 A 20130814

Abstract (en)
Refill system (1) of a liquid container (3), wherein a conduit element (5) is fixed to the liquid container and has an upper part flow passage (9) having one end inside the container and the other end leading past the connection of the conduit element with the container and through at least one upper part radial opening (11) into a space (13) defined by the conduit element and the wall of the container, and wherein, in its first position, a closing element (31) having a first sealing portion (35) is capable of sealing the space liquid-tightly towards the outside.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP US)
A45D 34/00 (2013.01 - US); **B05B 11/0056** (2013.01 - EP US); **B65B 3/04** (2013.01 - US)

Citation (applicant)
EP 1744955 B1 20130403 - BEAUTY UNION GLOBAL LTD [CN]

Citation (search report)
• [XY] WO 2011026969 A1 20110310 - MAITRISE ET INNOVATION [FR], et al
• [Y] US 5791527 A 19980811 - GIUFFREDI GIANCARLO [IT]
• [I] GB 2095103 A 19820929 - TOKUSHU AEROSOL CO LTD

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2837427 A1 20150218; EP 2837427 B1 20160608; US 2015047741 A1 20150219

DOCDB simple family (application)
EP 13180348 A 20130814; US 201313969876 A 20130819