

Title (en)  
Refuelling nozzle

Title (de)  
Zapfventil

Title (fr)  
Buse de distribution

Publication  
**EP 2574595 A1 20130403 (DE)**

Application  
**EP 11183398 A 20110930**

Priority  
EP 11183398 A 20110930

Abstract (en)  
The valve has an earthing cable (14) and/or a protective cap (13) for fiber material, connected with the valve by a cord (12). An automatic retraction mechanism i.e. winding roller, is provided for the earthing cable and/or the cord of the protective cap. An operation lever is formed to open a main valve against force pretensioning the main valve into a closed position. The operation lever and a valve operator of the main valve are connected kinematically over a coupled gear with variable translation in a course of operation stroke of the operation lever.

Abstract (de)  
Gegenstand der Erfindung ist ein Zapfventil zum Abfüllen von Flüssigkeiten in einen Vorratsbehälter, das ein Erdungskabel (14) und/oder eine mittels einer Schnur (12) mit dem Zapfventil verbundene Schutzkappe (13) für die Abgabeöffnung aufweist. Erfindungsgemäß ist vorgesehen, dass es eine Rückholautomatik für das Erdungskabel und/oder die Schnur der Schutzkappe aufweist.

IPC 8 full level  
**B67D 7/32** (2010.01); **A62C 3/06** (2006.01); **B67D 7/42** (2010.01); **B67D 7/54** (2010.01); **B67D 7/56** (2010.01); **H05F 3/00** (2006.01)

CPC (source: EP US)  
**B67D 7/3236** (2013.01 - EP US); **B67D 7/42** (2013.01 - EP US); **B67D 7/54** (2013.01 - EP US); **B67D 7/56** (2013.01 - EP US)

Citation (applicant)  
EP 2186773 A1 20100519 - ELAFLEX GUMMI EHLERS GMBH [DE]

Citation (search report)  
• [A] GB 1562494 A 19800312 - EMCO WHEATON  
• [A] US 5159523 A 19921027 - CLAASSEN DANIEL L [US], et al  
• [A] WO 03045831 A1 20030605 - HONEYWELL SPECIALTY CHEMICALS [DE], et al

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 2574595 A1 20130403**; AU 2012227224 A1 20130418; AU 2012227224 B2 20141218; AU 2012227224 B9 20150115; CA 2790759 A1 20130330; CA 2790759 C 20181023; CN 103030090 A 20130410; CN 103030090 B 20180130; DK 2574596 T3 20150202; EP 2574596 A1 20130403; EP 2574596 B1 20141112; ES 2530371 T3 20150302; NZ 602558 A 20140328; PL 2574596 T3 20150430; PT 2574596 E 20150217; US 2013081738 A1 20130404; US 9266710 B2 20160223

DOCDB simple family (application)  
**EP 11183398 A 20110930**; AU 2012227224 A 20120920; CA 2790759 A 20120921; CN 201210370757 A 20120929; DK 12186468 T 20120928; EP 12186468 A 20120928; ES 12186468 T 20120928; NZ 60255812 A 20120920; PL 12186468 T 20120928; PT 12186468 T 20120928; US 201213630737 A 20120928