

Title (en)

FILLING SPOUT HAVING A VALVE, AND SECONDARY STOPPER HAVING AN INTERMEDIATE ACTUATOR ELEMENT

Title (de)

FÜLLSCHNABEL MIT VENTIL UND SEKUNDÄREM STOPPER MIT ZWISCHENBETÄIGERELEMENT

Title (fr)

BEC DE REMPLISSAGE À CLAPET ET OBTURATEUR SECONDAIRE AVEC ÉLÉMENT D' ACTIONNEMENT INTERCALAIRE

Publication

**EP 2488441 A1 20120822 (FR)**

Application

**EP 10771329 A 20101012**

Priority

- FR 0904946 A 20091015
- EP 2010006214 W 20101012

Abstract (en)

[origin: WO2011045023A1] The invention relates to a filling spout comprising a tubular body (1) in which a valve (11), extending so as to face a valve seat, and a secondary stopper (21), placed downstream of the valve and connected to the latter are mounted, the body comprising a restrictor facing the secondary stopper, an inner magnetic actuator element (3) being connected to the valve and combined with an outer actuator means arranged so as to move the inner element between a closed position of the valve and an open position of the valve. Said filling spout is characterized in that the inner actuator element is mounted between the valve and the secondary stopper, and the tubular body includes a means for accessing the inner actuator element.

IPC 8 full level

**B67C 3/26** (2006.01); **B65B 39/00** (2006.01); **B67C 3/28** (2006.01)

CPC (source: EP US)

**B65B 39/004** (2013.01 - EP US); **B67C 3/26** (2013.01 - EP US); **B67C 3/281** (2013.01 - EP US)

Citation (search report)

See references of WO 2011045023A1

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)

**WO 2011045023 A1 20110421**; BR 112012006478 A2 20160426; CN 102548890 A 20120704; EP 2488441 A1 20120822;  
FR 2951445 A1 20110422; FR 2951445 B1 20111202; US 2011088813 A1 20110421

DOCDB simple family (application)

**EP 2010006214 W 20101012**; BR 112012006478 A 20101012; CN 201080044135 A 20101012; EP 10771329 A 20101012;  
FR 0904946 A 20091015; US 90441810 A 20101014