

Title (en)  
SPILL-LIMITING FILLING SPOUT

Title (de)  
VERSCHÜTTUNGSBEGRENZENDER FÜLLENDER AUSGUSS

Title (fr)  
BEC DE REMPLISSAGE A LIMITATION DE FUITE

Publication  
**EP 3481764 A1 20190515 (FR)**

Application  
**EP 17735136 A 20170704**

Priority  
• FR 1656441 A 20160705  
• EP 2017066692 W 20170704

Abstract (en)  
[origin: US2018009645A1] A filler spout including a tubular body having mounted therein a valve member extending facing a valve seat and a secondary shutter arranged in a distribution chamber downstream from the valve member and rigidly connected thereto with a small amount of axial clearance between the valve member and the secondary shutter, and a movable portion of an actuator being coupled to the valve member in order to move it between an extreme closure position and an extreme opening position. The valve member possesses an intermediate closure position and includes a portion that is received in a bore opening out into the distribution chamber in order to form a suction system when the valve member is moved from the extreme closure position to the intermediate closure position.

IPC 8 full level  
**B67C 3/26** (2006.01)

CPC (source: EP US)  
**B67C 3/202** (2013.01 - US); **B67C 3/2608** (2013.01 - EP US); **B67C 3/28** (2013.01 - US)

Citation (search report)  
See references of WO 2018007412A1

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)  
**US 10865087 B2 20201215; US 2018009645 A1 20180111**; BR 112018075925 A2 20190326; EP 3481764 A1 20190515;  
EP 3481764 B1 20200415; FR 3053672 A1 20180112; FR 3053672 B1 20180810; WO 2018007412 A1 20180111

DOCDB simple family (application)  
**US 201715641943 A 20170705**; BR 112018075925 A 20170704; EP 17735136 A 20170704; EP 2017066692 W 20170704;  
FR 1656441 A 20160705