

Title (en)
REDUCED-PRESSURE FILLING NOZZLE

Title (de)
FÜLLSTUTZEN MIT VERMINDERTEM DRUCK

Title (fr)
BEC DE REMPLISSAGE A DEPRESSION

Publication
EP 3921271 A1 20211215 (FR)

Application
EP 20702665 A 20200206

Priority
• FR 1901296 A 20190208
• EP 2020053048 W 20200206

Abstract (en)
[origin: US2020255280A1] The invention relates to a filler spout comprising a tubular body having mounted therein both a valve member extending facing an inlet orifice of a distribution chamber and also a shutter arranged downstream from the valve member and rigidly connected thereto in such a manner as to extend facing an outlet orifice of the distribution chamber. An actuator is coupled to the valve member in order to move it between an extreme opening position and an extreme closing position, the valve member possessing an intermediate closing position in order to form a suction piston when the valve member is moved from the extreme closing position to the intermediate closing position or from the intermediate closing position to the extreme closing position. The shutter includes a channel opening into the distribution chamber and facing the outlet orifice of said distribution chamber so that the channel is always unobstructed regardless of the position of the valve member.

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B67C 3/26 (2006.01)

CPC (source: EP US)
B67C 3/2608 (2013.01 - EP US); **B67D 7/005** (2013.01 - US); **B67D 7/36** (2013.01 - US); **F16K 1/38** (2013.01 - US)

Citation (search report)
See references of WO 2020161266A1

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Designated extension state (EPC)
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US 10906797 B2 20210202; **US 2020255280 A1 20200813**; BR 112021011140 A2 20210831; EP 3921271 A1 20211215;
FR 3092567 A1 20200814; FR 3092567 B1 20210122; WO 2020161266 A1 20200813

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