

Title (en)
UNIT OF A CLOSURE CAP AND A DISCHARGING ELEMENT IN THE FORM OF A CAPSULE FOR DISCHARGING ADDITIVES INTO A LIQUID AND RELATED METHOD

Title (de)
EINHEIT AUS VERSCHLUSSKAPPE UND ABGABEKÖRPER IN KAPSELFÖRMIGKEIT ZUR ABGABE VON ZUSATZSTOFFEN AN EINE FLÜSSIGKEIT UND ZUGEHÖRIGES VERFAHREN

Title (fr)
UNITÉ FORMÉE D'UN BOUCHON ET D'UN CORPS DE DISTRIBUTION SOUS FORME DE CAPSULE SERVANT À AJOUTER DES ADDITIFS À UN LIQUIDE ET PROCÉDÉ CORRESPONDANT

Publication
EP 3240740 A1 20171108 (DE)

Application
EP 15828326 A 20151228

Priority
• AT 2014050312 W 20141230
• AT 2015050330 W 20151228

Abstract (en)
[origin: WO2016106433A1] Disclosed is a discharging element for discharging substances into a liquid; said discharging element has the shape of a capsule, the envelope (1-3) of which encloses a volume that can be filled with substances to be discharged; the envelope of the capsule is made of a liquid-tight material and has at least one first opening (7) and at least one second opening (8) which are arranged in such a way that when liquid flows around the capsule, the flow velocity is greater at a first opening (7) than it is at a second opening (8), the first and second openings being connected to one another via the volume that can be filled.

IPC 8 full level
B65D 85/804 (2006.01); **B65D 51/28** (2006.01)

CPC (source: CN EP IL KR RU US)
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B65D 85/8055 (2020.05 - CN EP IL KR RU US); **B65D 51/2878** (2013.01 - US)

Citation (search report)
See references of WO 2016106436A1

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WO 2016106433 A1 20160707; AU 2015375277 A1 20170817; AU 2015375277 B2 20201126; BR 112017012552 A2 20180102;
BR 112017012552 B1 20220614; CA 2972278 A1 20160707; CA 2972278 C 20230822; CN 107108087 A 20170829; CN 107108087 B 20190719;
EP 3240740 A1 20171108; EP 3240740 B1 20191106; ES 2768825 T3 20200623; IL 253230 A0 20170831; IL 253230 B 20210429;
JP 2018501872 A 20180125; KR 20170118053 A 20171024; MX 2017008200 A 20170913; PL 3240740 T3 20200518;
RU 2017126076 A 20190131; RU 2017126076 A3 20190610; RU 2712112 C2 20200124; US 11338993 B2 20220524;
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