

Title (en)  
DISPENSERS FOR DISPENSING MICROCAPSULES

Title (de)  
SPENDER ZUR AUSGABE VON MIKROKAPSELN

Title (fr)  
DISTRIBUTEURS DE MICROCAPSULES

Publication  
**EP 3347136 A1 20180718 (EN)**

Application  
**EP 15766713 A 20150909**

Priority  
US 2015049122 W 20150909

Abstract (en)  
[origin: WO2017044087A1] A dispenser for applying at least two compositions, the dispenser including at least two reservoirs for storing the at least two compositions, at least two pumps for pumping the at least two compositions, a premix chamber containing a mixing element for mixing the two compositions, at least two channels for delivering the compositions from the reservoirs to the premix chamber, an exit orifice, optionally a swirl chamber, and an actuator.

IPC 8 full level  
**B05B 11/00** (2006.01); **B05B 1/34** (2006.01)

CPC (source: EP US)  
**A61K 8/11** (2013.01 - EP); **A61K 8/34** (2013.01 - EP); **A61K 8/8152** (2013.01 - EP); **A61K 8/87** (2013.01 - EP); **A61Q 13/00** (2013.01 - EP); **B01F 23/45** (2022.01 - EP); **B01F 25/10** (2022.01 - EP); **B01F 25/12** (2022.01 - EP); **B01F 25/4521** (2022.01 - EP); **B01F 33/50112** (2022.01 - EP); **B01F 35/7174** (2022.01 - EP); **B05B 1/3436** (2013.01 - EP US); **B05B 7/0408** (2013.01 - EP); **B05B 11/1084** (2023.01 - EP); **A61K 2800/412** (2013.01 - EP); **A61K 2800/87** (2013.01 - EP); **A61K 2800/882** (2013.01 - EP); **B05B 11/0038** (2018.07 - EP US)

Citation (search report)  
See references of WO 2017044087A1

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)  
**WO 2017044087 A1 20170316**; CN 107921453 A 20180417; EP 3347136 A1 20180718

DOCDB simple family (application)  
**US 2015049122 W 20150909**; CN 201580082776 A 20150909; EP 15766713 A 20150909