

Title (en)
DOSING DEVICE

Title (de)
DOSIERVORRICHTUNG

Title (fr)
DISPOSITIF DE DOSAGE

Publication
EP 1891198 B1 20121128 (DE)

Application
EP 06761982 A 20060608

Priority
• EP 2006005455 W 20060608
• DE 102005027660 A 20050615

Abstract (en)
[origin: WO2006133843A1] Disclosed is a dosing device for metering agents in washing or cleaning processes. Said dosing device comprises a receptacle as well as a) a first active substance composition which is placed in said receptacle and contains at least one carrier material and at least one agent, and b) a second active substance composition that is arranged in said receptacle and also contains at least one carrier material and at least one agent but differs from the first active substance composition regarding at least one of the ingredients thereof. The inventive dosing device is characterized in that the carrier material in at least one active substance composition is water-insoluble while being suitable for releasing different active substances and distinguishing itself from conventional dosing devices by an improved releasing profile.

IPC 8 full level
C11D 17/04 (2006.01); **C11D 3/50** (2006.01); **D06L 4/75** (2017.01)

CPC (source: EP US)
A47L 15/44 (2013.01 - EP US); **C11D 3/505** (2013.01 - EP US); **C11D 17/041** (2013.01 - EP US); **C11D 17/046** (2013.01 - EP US);
C11D 17/047 (2013.01 - EP US); **D06F 39/024** (2013.01 - EP US)

Citation (examination)
• US 4542162 A 19850917 - RUTHERFORD HOWARD J [US], et al
• GB 1589201 A 19810507 - HERCULES INC
• WO 9947182 A1 19990923 - UNILEVER PLC [GB], et al
• US 4247498 A 19810127 - CASTRO ANTHONY J

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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ES 2397230 T3 20130305; PL 1891198 T3 20130430; US 2009004234 A1 20090101

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US 95570707 A 20071213