

Title (en)

INJECTION DEVICE FOR THE NEEDLE-FREE INJECTION OF A MEDIUM

Title (de)

INJEKTIONSVORRICHTUNG ZUR NADELFREIEN INJEKTION EINES MEDIUMS

Title (fr)

DISPOSITIF D'INJECTION POUR INJECTER UN FLUIDE SANS AIGUILLE

Publication

**EP 2214756 A1 20100811 (DE)**

Application

**EP 08852368 A 20081118**

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- DE 102008044830 A 20080828

Abstract (en)

[origin: WO2009065835A1] The invention relates to an injection device, comprising an injector and an ampoule unit for the needle-free injection of a medium. A needless injection apparatus is provided, having a first chamber, the interior thereof opening into a nozzle, and having a second chamber, the interior thereof being separated from the interior of the first chamber, wherein the interiors of both chambers can be connected to one another in order to thus allow mixing and/or reaction of the media present in the chambers, a powdered medium preferably being housed in the first chamber, a liquid medium preferably being housed in the second chamber, and the liquid medium preferably being transported into the first chamber for the mixing/reaction of both media.

IPC 8 full level

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Citation (search report)

See references of WO 2009065835A1

Cited by

US10220149B2; US10569021B2; US10821232B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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