

Title (en)

Metering pump, pump element for the metering pump and method for producing a pump element for a metering pump

Title (de)

Dosierpumpe, Pumpenelement für die Dosierpumpe sowie Verfahren zum Herstellen eines Pumpenelements für eine Dosierpumpe

Title (fr)

Pompe de dosage, élément de pompe pour pompe de dosage et procédé de fabrication d'un élément de pompe pour pompe de dosage

Publication

EP 2738386 B1 20170111 (DE)

Application

EP 13193768 A 20131121

Priority

DE 102012221832 A 20121129

Abstract (en)

[origin: EP2738386A1] The pump element (1) has a cover plate (15) and a base plate (12) which is arranged in a predefined distance to the cover plate, where a coupling bar (6) is arranged between the cover plate and the base plate. The coupling bar is coupled with an actuator unit and is movable between the base plate and the cover plate. A pump membrane film (10) is arranged between the cover plate and the base plate, where the pump membrane film is connected in a central portion with the coupling bar. Independent claims are included for the following: (1) a dosing pump with a piezoelectric bending transducer; and (2) a method for manufacturing a pump element.

IPC 8 full level

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