

Title (en)

INJECTION DEVICE FOR INJECTING A FLUID

Title (de)

EINSPRITZVORRICHTUNG ZUR EINSPRITZUNG EINES FLUIDS

Title (fr)

DISPOSITIF D'INJECTION SERVANT À L'INJECTION D'UN FLUIDE

Publication

EP 2710242 A1 20140326 (DE)

Application

EP 12722722 A 20120518

Priority

- DE 102011102170 A 20110520
- EP 2012059256 W 20120518

Abstract (en)

[origin: WO2012159986A1] Injection device (1) for injecting a fluid into an exhaust-gas treatment device (15), having an injector (2) which is positioned in an injector holder (3), wherein the injector (2) has a feed opening (4) and a component (5) of the injector holder (3) extends into the feed opening (4). An injection device (1) of this type is suitable, in particular, for feeding urea/water solution into the exhaust-gas treatment device (15) of a motor vehicle. The component (5) is preferably rigid in the longitudinal direction (23) and can be compressed in the radial direction (24) by way of a deformable rubber shell, in order to compensate for the volumetric expansion of the solution if it freezes.

IPC 8 full level

F01N 3/20 (2006.01)

CPC (source: EP KR RU US)

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