

Title (en)

PUMP FOR METERING A LIQUID ADDITIVE FOR A SELECTIVE CATALYTIC REDUCTION DEVICE

Title (de)

PUMPE ZUR DOSIERUNG EINES FLÜSSIGEN ADDITIVS FÜR EINE SELEKTIVE KATALYTISCHE REDUKTIONS VORRICHTUNG

Title (fr)

POMPE DE DOSAGE D'UN ADDITIF LIQUIDE POUR UN DISPOSITIF DE RÉDUCTION CATALYTIQUE SÉLECTIVE

Publication

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Application

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Abstract (en)

[origin: WO2014135325A1] The invention relates to a pump (1) for conveying a liquid, comprising a pump housing (2) that has at least one inlet (3) and at least one outlet (4), an eccentric element (5) being rotatably arranged in said pump housing (2) and surrounded by a deformable membrane (6), said deformable membrane (6) and pump housing (2) delimiting at least one conveyor path (7) from the at least one inlet (3) to the at least one outlet (4) and forming at least one seal (8) for the conveyor path (7), and said seal (8) being able to be displaced along the conveyor path (7) by a movement (9) of the eccentric element (5). Between the eccentric element (5) and the deformable membrane (6), a spring layer (10) is arranged by means of which said eccentric element (5) and deformable membrane (6) are tensioned relative to one another.

IPC 8 full level

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