

Title (en)
DOSING DEVICE FOR INTRODUCING AN ADDITIVE INTO A LIQUID FLOW

Title (de)
DOSIERVORRICHTUNG ZUM EINFÜHREN EINES ADDITIVS IN EINEN FLÜSSIGKEITSSTROM

Title (fr)
DISPOSITIF DE DOSAGE POUR INTRODUIRE UN ADDITIF DANS UN COURANT DE LIQUIDE

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Application
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• FR 0407879 A 20040715

Abstract (en)
[origin: WO2006016032A1] The invention relates to a dosing device for introducing an additive (A) in to a main liquid flow (L) in a conduit comprising a reciprocating differential piston pump (2) which is used for collecting and dosing the additive (A) from a container (1) and comprises a first inlet (7) for receiving the main liquid flow which ensures the pump actuation, a second inlet (8) for collecting the additive and an outlet (9) for mixing the additive and the main liquid. The inventive device comprises a Venturi (10) disposed in the conduit and the pump (2) connected in parallel position with respect thereto, wherein the first inlet (7) of the pump is connected to the Venturi input (11) and the outlet thereof is connected to the Venturi throat (12).

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