

Title (en)

IMPROVED ELECTRIC PUMP PARTICULARLY SUITABLE FOR PUMPING LIQUIDS CONTAINING SOLID IMPURITIES

Title (de)

VERBESSERTE ELEKTRISCHE PUMPE ZUM PUMPEN VON FLÜSSIGKEITEN MIT FESTEN VERUNREINIGUNGEN

Title (fr)

POMPE ÉLECTRIQUE AMÉLIORÉE PARTICULIÈREMENT ADAPTÉE AU POMPAGE DE LIQUIDES CONTENANT DES IMPURETÉS SOLIDES

Publication

EP 2916008 B1 20200108 (EN)

Application

EP 15158048 A 20150306

Priority

IT VI20140052 A 20140307

Abstract (en)

[origin: EP2916008A1] Electric pump (1) comprising: a tubular jacket (2) developing according to a longitudinal direction (X), provided with an inlet mouth (3) and an outlet mouth (4) for the passage of a liquid; a multistage pumping device (15) arranged in the tubular jacket (2) and delimited by a tubular casing (6) separated from the tubular jacket (2) by means of an interspace (9), the tubular casing (6) being provided with a suctioning mouth (7) communicating with the inlet mouth (3) and a delivery mouth (8) communicating with the interspace (9), the pumping device (15) being actuated by a driving device (16) arranged in the tubular casing (6) for pumping the liquid from the suctioning mouth (7) towards the delivery mouth (8); sealing means (10) arranged in the interspace (9) in intermediate position between the suctioning mouth (7) and the delivery mouth (8) for preventing the liquid from flowing from the delivery mouth (8) towards the suctioning mouth (7), the sealing means (10) being arranged between the diffuser unit and the delivery mouth (8) according to the longitudinal direction (X).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN109026750A; CN109185179A; EP3290712A1; IT201600089875A1; IT202000004876A1

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