

Title (en)
ELECTRIC PUMP WITH FACILITATED ASSEMBLY AND MAINTENANCE

Title (de)
ELEKTRISCHE PUMPE MIT ERLEICHTETER MONTAGE UND WARTUNG

Title (fr)
POMPE ÉLECTRIQUE DOTÉ D'UN MONTAGE ET D'UN ENTRETIEN SIMPLIFIÉS

Publication
EP 3879111 A1 20210915 (EN)

Application
EP 21153817 A 20210127

Priority
IT 202000004909 A 20200309

Abstract (en)
An electric pump (10, 110) comprising:- a pump body (11, 111) inside which there are:- a mechanical section (12), which comprises an intake port (13) and a delivery port (42, 142), and contains one or more impellers (14), interleaved by diffusers (15) and keyed on a driving shaft (16),- an electromechanical section (17), comprising an electric motor (18) for the movement of the driving shaft (16),- a footing (19, 119), inside which there are two manifolds (20, 21, 120, 121), a first delivery manifold (20, 120) connected to the delivery port (42, 412) and a second intake manifold (21, 121) connected to the intake port (13).The electric pump (10, 110) comprises one or more means for detachable association between the pump body (11, 111) and the footing (19, 119) which can be actuated from a single point (23, 123) of the electric pump (10, 110).

IPC 8 full level
F04D 13/06 (2006.01); **F04D 29/60** (2006.01); **F04D 29/62** (2006.01)

CPC (source: CN EP)
F04D 1/06 (2013.01 - CN); **F04D 13/06** (2013.01 - CN); **F04D 13/0606** (2013.01 - EP); **F04D 15/00** (2013.01 - CN); **F04D 15/0088** (2013.01 - CN); **F04D 29/605** (2013.01 - EP); **F04D 29/628** (2013.01 - CN EP)

Citation (applicant)
• IT 202000001468 A 20200127
• IT 202000004909 A 20200309

Citation (search report)
• [XAI] EP 2775145 A1 20140910 - DAB PUMPS SPA [IT]
• [A] DE 9208801 U1 19920903
• [A] US 2017324298 A1 20171109 - BRÖSAMLE PINO [DE], et al
• [A] US 4549849 A 19851029 - JENSEN NIELS D [DK], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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