

Title (en)
CONDENSATE DRAIN PUMP WITH REDUCED NOISE

Title (de)
KONDENSATABFLUSSPUMPE MIT REDUZIERTEM LÄRM

Title (fr)
POMPE DE VIDANGE DE CONDENSAT À BRUIT RÉDUIT

Publication
EP 4269802 A1 20231101 (EN)

Application
EP 22170086 A 20220426

Priority
EP 22170086 A 20220426

Abstract (en)
Condensate drain pump (1) with reduced noise comprising: a permanent-magnet synchronous motor (13) provided with a rotor (7) rotating with respect to a rotation axis (x); an impeller (3) coaxially rotating with respect to the rotor (7) and coupled thereto by an eccentric-teeth coupling device (8); elastic means (5) arranged to keep the impeller assembly in a sliding position against a matching element.

IPC 8 full level
F04D 13/02 (2006.01)

CPC (source: EP)
F04D 13/021 (2013.01)

Citation (search report)
• [XY] EP 0505980 A1 19920930 - ASKOLL SRL [IT]
• [Y] CN 1621695 A 20050601 - PLASSET CO LTD [IT]
• [X] WO 2010025959 A2 20100311 - ASKOLL P & C S R L [IT], 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)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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