

Title (en)
Motor pump with cooled frequency converter

Title (de)
Motorpumpe mit gekühltem Frequenzumformer

Title (fr)
Motopompe avec convertisseur de fréquence refroidi

Publication
EP 0831236 B2 20070815 (DE)

Application
EP 97116448 A 19970922

Priority
DE 19639098 A 19960924

Abstract (en)
[origin: EP0831236A2] The frequency transformer of the pump has a plate (22) formed as a heat sink upon which is attached at least heat generating electronic component. The plate especially lies perpendicularly to the motor's axis of rotation and is cooled by a branched off section of the supply medium. The frequency transformer (20) is attached on the end face of the motor remote from the pump and especially co-axially. A channel runs in or on the plate for the passage of cooling medium.

IPC 8 full level
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CPC (source: EP)
F04B 53/08 (2013.01); **F04D 1/06** (2013.01); **F04D 13/0686** (2013.01); **F04D 29/5813** (2013.01); **F04D 29/588** (2013.01);
F04B 2203/0204 (2013.01)

Cited by
US6685447B2; ITTO20090317A1; DE10214307A1; DE102016003169B4; EP1361368A3; EP3156663A1; CN107013469A; DE102007036240A1; EP1132623A3; CN100394039C; CN103649543A; EP4023886A4; US10704565B2; WO2013139628A1; US10400792B2; DE102016003169A1; WO2010122404A1; WO0047464A1; US6986648B2; EP4376270A1; WO2007071352A1; WO03064861A1; EP3161320B1

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