

Title (en)
Impeller pump with heating device

Title (de)
Impellerpumpe mit Heizeinrichtung

Title (fr)
Turbopompe comprenant dispositif de chauffage

Publication
EP 2754900 B1 20161012 (DE)

Application
EP 13199635 A 20131227

Priority
DE 102013200280 A 20130110

Abstract (en)
[origin: EP2754900A1] The pump (11) has a pump casing (12) including a pump chamber (13), an inlet (15), and an outlet (16). An impeller (23) is placed in the pump chamber, where a heating device (26') forms a part of an external wall of the pump chamber. The impeller is arranged on a pump chamber floor (21). The outlet leads off on a region of the pump chamber pointing away from the pump chamber floor, where a cross-sectional area of the pump chamber decreases in an axial direction of a longitudinal center axis (17) of the impeller pump away from the pump chamber floor and toward the outlet.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)
F04D 29/426 (2013.01 - EP US); **F04D 29/586** (2013.01 - EP US)

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