

Title (en)  
PUMP WITH HEATING DEVICE

Title (de)  
PUMPE MIT EINER HEIZEINRICHTUNG

Title (fr)  
POMPE AVEC DISPOSITIF DE CHAUFFAGE

Publication  
**EP 3011187 B1 20180829 (DE)**

Application  
**EP 14727560 A 20140603**

Priority  
• DE 102013211556 A 20130619  
• EP 2014061486 W 20140603

Abstract (en)  
[origin: WO2014202382A1] A heating device for an impeller pump having a pump housing and a pump chamber arranged therein, said heating device defining a substantial portion or a boundary of the pump chamber in the radial direction, has a tubular round support. A projecting portion of said support projects at least at one end over a plane perpendicular to the longitudinal axis and a recessed portion thereof extends along said plane or below. Advantageously, the heating device is cut off at an angle at this end.

IPC 8 full level  
**F04D 29/42** (2006.01); **A47L 15/42** (2006.01); **D06F 39/04** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)  
**A47L 15/4225** (2013.01 - EP); **A47L 15/4285** (2013.01 - EP); **D06F 39/04** (2013.01 - EP US); **D06F 39/085** (2013.01 - EP US);  
**F04D 29/426** (2013.01 - EP US); **F04D 29/588** (2013.01 - EP)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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JP 2016522354 A 20160728; JP 6395819 B2 20180926; PL 3011187 T3 20190228; TR 201815954 T4 20181121; WO 2014202382 A1 20141224

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