

Title (en)
CONTINUOUS FLOW HEATER

Title (de)
DURCHLAUFERHITZER

Title (fr)
CHAUFFE-EAU INSTANTANÉ

Publication
EP 2861914 B1 20160713 (DE)

Application
EP 13731072 A 20130617

Priority
• CH 8572012 A 20120619
• EP 2013062476 W 20130617

Abstract (en)
[origin: WO2013189869A1] An instantaneous heater (1) has a body formed from at least two layers (10, 13, 20, 21) extending around an axis (A). Of these layers, an outer layer (10) is furnished with a channel (12) which is formed in a wall (14) of the layer (10) and turns about the axis (A) with approximately the shape of a helical line, the channel having an inflow (18) at one end for a fluid to be heated and an outflow (19) at the other end. An inner layer (13) with a heating coil (3a) adjoins this outer layer (10). Adjoining the inner layer (13), at least one insulation layer (20, 21) is provided in the interior.

IPC 8 full level
F24H 1/12 (2006.01); **F24H 1/16** (2006.01); **F24H 9/18** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F24H 1/121 (2013.01 - EP); **F24H 1/162** (2013.01 - EP); **F24H 9/1818** (2013.01 - EP); **F24H 9/2028** (2013.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/215** (2022.01 - EP US); **F24H 15/219** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/281** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/429** (2022.01 - EP US); **F24H 15/242** (2022.01 - EP US); **F24H 15/34** (2022.01 - EP US)

Designated contracting state (EPC)
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