

Title (en)

ELECTRIC BOILER WITH CYCLONIC TURBULENCE

Publication

EP 0418179 B1 19930210 (FR)

Application

EP 90440080 A 19900913

Priority

FR 8912227 A 19890914

Abstract (en)

[origin: EP0418179A1] The present invention relates to an electric boiler that heats very fast and efficiently. This boiler (10) comprises at least one tank (11) inside which is arranged a heating body (12) comprising a series of immersible heating elements (13) attached to the base of a closure device (14). The boiler also comprises an inlet pipe (17) and an outlet pipe (18) which are connected to a user network. The two pipes are preferably arranged tangentially with respect to the walls of the tank (11). The inlet pipe advantageously forms an angle alpha with a vertical (20). This boiler is very efficient as it is designed to generate a helical circulation inside the tank. <IMAGE>

IPC 1-7

F24H 1/22

IPC 8 full level

F24H 1/22 (2006.01)

CPC (source: EP)

F24H 1/225 (2013.01)

Cited by

US9636974B2; CN101842642A; EA011621B1; US5740315A; FR2996299A1; CN104797889A; US8701286B2; US8920893B2; US8365388B2; WO2014048933A3; US8241004B2; US9022299B2; US8529720B2; US8986490B2; EP1614979A4; US8182233B2; US8381398B2; US8857054B2

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