

Title (en)

Immersion heater for use in radiators of a heating system with hot water circulation

Title (de)

Tauchheizkörper zur Benutzung in Heizkörpern von Heisswasserkreislaufheizungen

Title (fr)

Thermoplongeur pouvant être utilisé dans un radiateur de chauffage à circulation d'eau

Publication

EP 0949846 B1 20070815 (FR)

Application

EP 99400854 A 19990408

Priority

FR 9804485 A 19980409

Abstract (en)

[origin: EP0949846A1] The immersion heater has a heating cartridge (3), formed with a sleeve (4) housing and an electric resistance element (5) fixed inside an external collector (1) that contains a heat transfer fluid (2). This fluid has good electrical insulation properties, and is usually a mineral oil.

IPC 8 full level

H05B 3/48 (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP)

H05B 3/48 (2013.01); **H05B 3/82** (2013.01)

Cited by

EP2073602A3; EP1156704A1; FR2809276A1; GB2527901B; GB2407479A; GB2407479B; CN102353147A; WO02101303A1

Designated contracting state (EPC)

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EP 0949846 A1 19991013; EP 0949846 B1 20070815; AT E370635 T1 20070915; DE 69936816 D1 20070927; DE 69936816 T2 20080508; ES 2292226 T3 20080301; FR 2777410 A1 19991015; FR 2777410 B1 20020628

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