

Title (en)
Electric heating apparatus

Title (de)
Elektrisches Heizgerät

Title (fr)
Appareil de chauffage électrique

Publication
EP 0668710 B1 20010926 (DE)

Application
EP 94120383 A 19941222

Priority
DE 4405040 A 19940217

Abstract (en)
[origin: EP0668710A2] The immersion heater has a heating element which is powered electrically and releases heat to the surroundings. It is manufactured out of ceramic material and encased in a thermally conducting but electrically insulating housing (11). There is thermal contact between the ceramic and the housing. The heating element is clamped between two electrically conducting plates, the clamp being independent of the housing. The plates have matching recesses to form a chamber for the element. At least one plate has a raised portion overhanging the clamp which acts as a thermal contact surface.

IPC 1-7
H05B 3/80; **H05B 3/82**

IPC 8 full level
H05B 3/14 (2006.01); **H05B 3/80** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP US)
H05B 3/141 (2013.01 - EP US); **H05B 3/80** (2013.01 - EP US)

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AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)
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