

Title (en)

IMPROVEMENT IN A THROUGH-FLOW FLUID HEATER TUBE

Title (de)

VERBESSERUNG IN EINER DURCHLAUFFLÜSSIGKEITSERHITZERRÖHRE

Title (fr)

AMELIORATION APPOREE A UN TUBE CHAUFFANT UN FLUIDE S'ECOULANT DANS CELUI-CI

Publication

EP 1550352 A1 20050706 (EN)

Application

EP 03756459 A 20030908

Priority

- EP 0309925 W 20030908
- IT PN20020082 A 20021010

Abstract (en)

[origin: WO2004034742A1] Through-flow fluid heater tube comprising a conduit adapted to convey the fluid to be heated, an electric heating element controlled by a Triac, a related heat-sink arrangement, control circuits adapted to drive said Triac, a connection joining said electric heating element to the power-supply mains via said Triac, in which said heat-sink arrangement is applied on to the outside of said through-flow heater tube. The current regulation device is energized directly from the power-supply mains and said control and driving circuits supply a low-voltage regulating current to said current regulation device.

IPC 1-7

H05B 1/02; **F24H 1/10**; **F24H 9/20**; **G05D 23/24**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2004034742A1

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