

Title (en)

Heat exchanger and filling part therewith

Title (de)

Wärmetauscher und Füllteil dazu

Title (fr)

Echangeur de chaleur et embout de remplissage correspondant

Publication

EP 1132689 A1 20010912 (EN)

Application

EP 01200126 A 20010115

Priority

NL 1014093 A 20000117

Abstract (en)

The invention relates to a heat exchanger provided with a collecting tank for a heating liquid with an inlet opening and an outlet opening, means for bringing the heating liquid into heat-exchanging contact with a medium for heating, and an overflow opening arranged in the tank for discharging an excess of heating liquid. The overflow opening can herein form the mouth of an overflow tube protruding through a wall of the tank. The outlet opening can debouch into a liquid pipe in which a filling opening is arranged, wherein the overflow tube then debouches in the vicinity of the filling opening, and the filling opening and the mouth of the overflow tube are covered by a single cover member. The heat exchanger can be further provided with a pump with a suction side and a delivery side which is connected to the liquid pipe, the delivery side of which is directed upward. The invention also relates to a filling part for such a heat exchanger, in addition to a heating system in which such a heat exchanger is applied. <IMAGE>

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F24D 3/10

IPC 8 full level

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CPC (source: EP)

F24D 3/10 (2013.01); **F24D 3/1083** (2013.01)

Citation (search report)

- [X] CH 113689 A 19260201 - GUMNY STANISLAS [CH]
- [X] US 4309982 A 19820112 - OQUIDAM BERNARD
- [A] EP 0616174 A1 19940921 - AGPO BV [NL], et al
- [A] NL 8102798 A 19830103 - EUROMETAAL NV

Cited by

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