

Title (en)

Industrial electrical heated tank for sanitary hot water

Title (de)

Industrieller elektrischer geheizter Tank für warmes Brauchwasser

Title (fr)

Réservoir industriel chauffé électriquement pour eau chaude sanitaire

Publication

EP 1538400 A1 20050608 (EN)

Application

EP 03380280 A 20031203

Priority

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Abstract (en)

Electric heated tank for the production and storage of sanitary water, where the means of heating are not immersed in the hot sanitary water, because of which they are not exposed to calcareous incrustations or corrosion, and also avoiding the formation of cold areas that facilitate the development of bacteriological conditions within the tank; for this purpose having a heating chamber in whose interior the electrical means of heating, immersed in a heating fluid, are placed. The heat is transmitted by contact from the chamber to the tank, and by conduction of the heating fluid from the chamber to a heat exchanger placed inside the tank (or outside it), said circulation being carried out by means of a pump or circulator.
<IMAGE>

IPC 1-7

F24H 1/18; **F24H 1/20**

IPC 8 full level

F24H 1/18 (2006.01); **F24H 1/20** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

F24H 1/185 (2013.01); **F24H 1/208** (2013.01); **F24H 9/0094** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 203 (M - 241) 8 September 1983 (1983-09-08)

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Designated contracting state (EPC)

ES FR PT

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