

Title (en)
HEAT EXCHANGE DEVICE, USE AND HEAT EXCHANGER ARRANGEMENT

Title (de)
WÄRMETAUSCHERVORRICHTUNG, VERWENDUNG UND WÄRMETAUSCHERANORDNUNG

Title (fr)
DISPOSITIF D'ÉCHANGE THERMIQUE, UTILISATION ET ENSEMBLE D'ÉCHANGE THERMIQUE

Publication
EP 2567170 A2 20130313 (DE)

Application
EP 11720379 A 20110503

Priority
• DE 102010019734 A 20100507
• EP 2011002201 W 20110503

Abstract (en)
[origin: WO2011138011A2] The invention relates to a heat exchange device for introducing into a waste water pipeline extending in a longitudinal direction L, comprising a heat exchange wall made from a solid, heat-conducting material having a waste water side which is designed to come into contact with the waste water and an inner side which is designed to come into contact, at least sections, with the heat exchange medium, and a heat exchange chamber wall having an inner side which comes into contact, at least in sections, with the heat exchange medium, an outer side which is designed to be oriented towards the waste water pipeline inner wall and to be in direct or indirect contact, at least in sections, with the waste water pipeline inner wall. The heat exchange wall forms the inner wall of a tubular body, the heat exchange wall and the heat exchange chamber wall being arranged, at least in parts, at a distance from each other such that a heat exchange chamber is formed partially between the heat exchange wall and the heat exchange chamber wall, said heat exchange chamber being connected on the outside by means of a feed line and a return line. The invention also relates to the use and to a heat exchange arrangement. The feed line and the return line are arranged on the heat exchanger wall.

IPC 8 full level
F28D 7/10 (2006.01); **E03F 3/04** (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP)
F28D 7/106 (2013.01); **F28D 21/0012** (2013.01); **E03C 2001/005** (2013.01); **Y02B 30/52** (2013.01); **Y02B 30/56** (2013.01)

Citation (search report)
See references of WO 2011138011A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010019734 A1 20111110; EP 2567170 A2 20130313; WO 2011138011 A2 20111110; WO 2011138011 A3 20120223

DOCDB simple family (application)
DE 102010019734 A 20100507; EP 11720379 A 20110503; EP 2011002201 W 20110503