

Title (en)
SPECIAL HEAT PIPE

Publication
EP 0390100 A3 19910619 (DE)

Application
EP 90105888 A 19900328

Priority
DE 3910094 A 19890329

Abstract (en)
[origin: EP0390100A2] The invention relates to a special thermosyphon and a special heat pipe which are provided for insertion into liquid or pasty media. Such instances of application exist, e.g., in the extraction of geothermal energy or waste heat from canals or else sewage works. If normal thermosyphons or heat pipes are immersed in water or sludge, the mass they displace is greater than their own weight, and they float. In such a case, either the installation cannot be performed, or in the case of a horizontal installation position the surface of the thermosyphon or of the heat pipe is not fully wetted. This produces a sharp reproduction in the amount of heat coupled in. The invention makes available a special thermosyphon and a special heat pipe in the case of which this problem is eliminated owing to integrated ballast. <IMAGE>

IPC 1-7
F28D 15/02

IPC 8 full level
F28D 15/02 (2006.01)

CPC (source: EP)
F28D 15/02 (2013.01); **F28F 1/08** (2013.01)

Citation (search report)
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• [Y] US 3921407 A 19751125 - NEAL JAMES HENRY
• [A] DE 2524961 A1 19761216 - KABEL METALLWERKE GHH

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0390100 A2 19901003; EP 0390100 A3 19910619; DE 3910094 A1 19901018

DOCDB simple family (application)
EP 90105888 A 19900328; DE 3910094 A 19890329