

Title (en)

Cooling device and method of cooling a fluid in a receptacle

Title (de)

Kühlvorrichtung und Kühlverfahren zur Kühlung eines Mediums innerhalb eines Gefäßes

Title (fr)

Dispositif de refroidissement et procédé pour refroidir un fluide dans un récipient

Publication

EP 0543214 B1 19970702 (DE)

Application

EP 92118802 A 19921103

Priority

DE 4138114 A 19911119

Abstract (en)

[origin: EP0543214A1] Cooling device for cooling a fluid which is situated inside a vessel (1) by heat extraction via the vessel wall, the vessel wall being in contact in an efficient heat-conducting manner with an aqueous liquid (18) which cools by evaporation, and a sorption medium filling (7) being available for the water vapour flowing off in the low pressure, which filling absorbs the water vapour flowing off and absorbs, with a temperature increase, the sorption heat released in this connection. <IMAGE>

IPC 1-7

F25B 17/08

IPC 8 full level

F25B 19/02 (2006.01); **F25B 17/08** (2006.01); **F25D 7/00** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP US)

F25B 17/08 (2013.01 - EP US); **F25D 31/00** (2013.01 - EP); **F25D 31/007** (2013.01 - EP US)

Cited by

US2016348962A1; CN108603710A; EP0913652A3; EP0726433A1; EP0603638A1; EP1519125A3; US10746459B2; EP3532778A4; WO2008015608A3; WO2018081249A1; US11125492B2

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