

Title (en)
USE OF A HEAT EXCHANGER TUBE

Title (de)
VERWENDUNG EINES WÄRMEAUSTAUSCHERROHRS

Title (fr)
UTILISATION D'UN TUBE D'ÉCHANGEUR DE CHALEUR

Publication
EP 1996739 A1 20081203 (DE)

Application
EP 07711975 A 20070317

Priority
• EP 2007002379 W 20070317
• DE 102006013384 A 20060323

Abstract (en)
[origin: DE102006013384A1] Use of a heat exchanger tube as gas cooler, condenser or vaporizer tube of a refrigeration machine operating with carbon dioxide or a heat pump. The heat exchanger tube is made from a copper alloy containing (in wt.%) 0.05-3 iron, 0.01-0.15 phosphorus, 0.05-0.2 zinc, 0.02-0.05 tin and a balance of copper.

IPC 8 full level
C22C 9/00 (2006.01); **F28F 21/08** (2006.01); **H01B 1/02** (2006.01)

CPC (source: EP US)
C22C 9/00 (2013.01 - EP US); **F28F 21/085** (2013.01 - EP US)

Cited by
EP2716403A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009301701 A1 20091210; AT E518013 T1 20110815; CN 101395289 A 20090325; CN 101395289 B 20111012; DE 102006013384 A1 20070927; DE 102006013384 B4 20091022; DK 1996739 T3 20111121; EP 1996739 A1 20081203; EP 1996739 B1 20110727; ES 2370352 T3 20111214; JP 2009530581 A 20090827; WO 2007110165 A1 20071004

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US 22551407 A 20070317; AT 07711975 T 20070317; CN 200780007934 A 20070317; DE 102006013384 A 20060323; DK 07711975 T 20070317; EP 07711975 A 20070317; EP 2007002379 W 20070317; ES 07711975 T 20070317; JP 2009500752 A 20070317