

Title (en)
CORRUGATED FIN AND HEAT EXCHANGER

Title (de)
WELLRIPPE UND WÄRMETAUSCHER

Title (fr)
AILETTE ONDULÉE ET ÉCHANGEUR DE CHALEUR

Publication
EP 2049860 A1 20090422 (DE)

Application
EP 07786369 A 20070727

Priority
• EP 2007006655 W 20070727
• DE 102006035209 A 20060729

Abstract (en)
[origin: DE102006035209A1] The rib has a bending edge (10) exhibiting inclined or easily bent wave flanks (1), which are arranged between two flat pipes in a heat exchanger network, where the wave flanks are equipped with sections (5). The bending edge is formed in such a manner that an adjusted resilience is reduced during bending. Wave crests (2) and/or wave troughs (3) are made soft, so that the crests and troughs are drawn back during formation of the heat exchanger network.

IPC 8 full level
F28F 1/12 (2006.01); **F28F 3/02** (2006.01)

CPC (source: EP)
F28F 1/128 (2013.01); **F28F 3/027** (2013.01)

Citation (search report)
See references of WO 2008014929A1

Cited by
DE102014222983A1; DE102016210159A1; EP3255369A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006035209 A1 20080131; DE 502007005153 D1 20101104; EP 2049860 A1 20090422; EP 2049860 B1 20100922; WO 2008014929 A1 20080207

DOCDB simple family (application)
DE 102006035209 A 20060729; DE 502007005153 T 20070727; EP 07786369 A 20070727; EP 2007006655 W 20070727