

Title (en)
STACKED-PLATE HEAT EXCHANGER

Title (de)
STAPELSCHEIBENWÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR À PLAQUES EMPILÉES

Publication
EP 3152509 A1 20170412 (DE)

Application
EP 15727310 A 20150603

Priority
• DE 102014008426 A 20140606
• EP 2015001129 W 20150603

Abstract (en)
[origin: WO2015185213A1] Disclosed is a stacked-plate heat exchanger which consists of a number of stacked plates (1) and is reinforced at both ends by reinforcement plates (2, 3). The edges of the reinforcement plate (3) closer to the opposite flange face the opposite flange (7) and can be fastened thereto. Optionally, loop-type extensions (4) of the edge of the lower reinforcement disk (3) are used for fastening purposes. It is possible to feed and discharge a fluid to be cooled into and from the stacked-plate heat exchanger via ports (5). The sealing function can be accomplished by radial seals (6).

IPC 8 full level
F28D 9/00 (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)
F28D 9/005 (2013.01); **F28F 9/26** (2013.01); **F28F 2275/00** (2013.01); **F28F 2280/06** (2013.01)

Citation (search report)
See references of WO 2015185213A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015185213 A1 20151210; DE 102014008426 A1 20151217; EP 3152509 A1 20170412; EP 3152509 B1 20181212

DOCDB simple family (application)
EP 2015001129 W 20150603; DE 102014008426 A 20140606; EP 15727310 A 20150603