

Title (en)  
CLAMP ASSEMBLY AND HEAT EXCHANGER WITH CLAMP ASSEMBLY

Title (de)  
KLEMMANORDNUNG UND WÄRMETAUSCHER MIT DER KLEMMANORDNUNG

Title (fr)  
ENSEMBLE DE SERRAGE ET ÉCHANGEUR DE CHALEUR COMPORTANT UN ENSEMBLE DE SERRAGE

Publication  
**EP 3453999 A1 20190313 (EN)**

Application  
**EP 17190103 A 20170908**

Priority  
EP 17190103 A 20170908

Abstract (en)  
A clamp assembly (100) for connecting a first part (1101) of a heat exchanger (1100) to a second part (1102) of the heat exchanger (1100). The clamp assembly comprises a clamp device (120) that acts on the second part (1102), an elongated bar (130) that is connected to the clamp device (120) and extends through the first part (1101), and a tightening nut (140) that is attached to the elongated bar (130) and acts on the first part (1101) for pressing the first and second parts (1101, 1102) towards each other. A heat exchanger comprising a shell (1102), a first cover (1101), a second cover (1109) and a number of clamp assemblies (100) arranged such that each elongated bar (130) extends through one of a plurality of holes (1106) or recesses through a protruding portion (1105) of at least one of the first and second covers (1101, 1109).

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

CPC (source: EP)  
**F28F 9/001** (2013.01); **F28F 2275/205** (2013.01)

Citation (applicant)  
US 1969135 A 19340807 - JACOCKS GEORGE T, et al

Citation (search report)  
• [X] GB 2165933 A 19860423 - APV INT LTD  
• [X] WO 9923434 A1 19990514 - ALFA LAVAL AB [SE], et al  
• [X] US 2017016683 A1 20170119 - CECIL JR JAMES A [US], et al

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)  
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