

Title (en)

HYDRAULIC CLOSURE SYSTEM FOR A PLATE HEAT EXCHANGER

Title (de)

HYDRAULISCHES VERSCHLUSSSYSTEM FÜR EINEN PLATTENWÄRMETAUSCHER

Title (fr)

SYSTÈME DE FERMETURE HYDRAULIQUE POUR UN ÉCHANGEUR DE CHALEUR À PLAQUES

Publication

EP 3204711 A1 20170816 (EN)

Application

EP 15848885 A 20151007

Priority

- US 201414508616 A 20141007
- US 2015054356 W 20151007

Abstract (en)

[origin: US2016097605A1] A plate heat exchanger includes a frame, a set of plates disposed in the frame between a head and a follower, and a closure unit. The closure unit includes a drive mechanism and a power unit. The drive mechanism is configured to urge the follower to move towards the head to compress the set of plates and configured to urge the follower to move away from the head to release the set of plates. The power unit is configured to selectably connect to and disconnect from the drive mechanism and to provide power to the drive mechanism. The power unit is configured to compress the set of plates in response to a controller receiving a close command.

IPC 8 full level

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CPC (source: EP US)

F28D 9/005 (2013.01 - EP); **F28F 3/083** (2013.01 - EP); **F28F 9/0075** (2013.01 - EP US); **F28F 27/00** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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