

Title (en)

A DRY-EXPANSION TUBE BUNDLE HEAT EXCHANGER

Title (de)

TROCKENAUSSDEHNUNGS-ROHRBÜNDELWÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR À FAISCEAU TUBULAIRE À DÉTENTE DIRECTE

Publication

**EP 3367036 A1 20180829 (EN)**

Application

**EP 18152542 A 20180119**

Priority

IT 201700021474 A 20170224

Abstract (en)

The dry-expansion tube bundle heat exchanger (1) comprises a shell (2), a front end head (3), a rear end head (4), a first and a second inlet mouth (5, 6) of the secondary fluid and a single outlet mouth (7) of a secondary fluid.

IPC 8 full level

**F28D 7/16** (2006.01); **F25B 39/00** (2006.01); **F28D 7/00** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

**F25B 39/02** (2013.01); **F28D 7/0066** (2013.01); **F28D 7/16** (2013.01); **F28F 9/00** (2013.01); **F25B 2339/0242** (2013.01); **F25B 2500/01** (2013.01); **F28D 2021/0068** (2013.01)

Citation (search report)

- [XYI] GB 918180 A 19630213 - CKD PRAHA
- [X] DE 1190963 B 19650415 - GUTEHOFFNUNGSHUETTE STERKRADE
- [Y] US 3269135 A 19660830 - CHUBB DONALD E, et al
- [Y] WO 2013022072 A1 20130214 - USUI KOKUSAI SANGYO KK [JP], 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)

**EP 3367036 A1 20180829; EP 3367036 B1 20201028; IT 201700021474 A1 20180824**

DOCDB simple family (application)

**EP 18152542 A 20180119; IT 201700021474 A 20170224**