

Title (en)
DUAL PATH PARALLEL SUPERHEATER

Title (de)
ZWEIWEG-PARALLELÜBERHITZER

Title (fr)
SURCHAUFFEUR EN PARALLÈLE À DEUX CIRCUITS

Publication
EP 2734786 A4 20150318 (EN)

Application
EP 12881139 A 20120621

Priority
• US 201161499253 P 20110621
• US 2012043477 W 20120621

Abstract (en)
[origin: US2012325165A1] A dual-path parallel superheater includes a drum for delivering steam, a steam receiving apparatus opposite the drum for receiving steam, a first surface and a second which receive steam from the drum to provide first and second paths for superheating the steam before delivering it to the steam receiving apparatus. There are also spray attenuators along the first and second paths.

IPC 8 full level
F22G 5/12 (2006.01); **F22B 29/06** (2006.01); **F22G 5/20** (2006.01)

CPC (source: EP KR US)
F22B 29/06 (2013.01 - KR); **F22G 5/12** (2013.01 - EP US); **F22G 5/20** (2013.01 - EP US)

Citation (search report)
• [X] DE 4025527 C1 19920116
• [X] DE 4117796 A1 19930121 - VER ENERGIEWERKE AG [DE]
• [X] US 3139869 A 19640707 - KOCH PAUL H
• [X] EP 2053242 A2 20090429 - DEUTSCHES ZENTRUM FUER LUFT UND [DE]

Citation (examination)
• EP 0195298 A1 19860924 - KRAFTWERK UNION AG [DE]
• US 4485803 A 19841204 - WIENER MURRAY [US]
• See also references of WO 2014018000A1

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

DOCDB simple family (publication)
US 2012325165 A1 20121227; AR 087939 A1 20140430; AU 2012381775 A1 20140220; AU 2012381775 B2 20170302; BR 112013032674 A2 20200114; CA 2840766 A1 20121221; CL 2013003631 A1 20140808; CN 103748415 A 20140423; EP 2734786 A1 20140528; EP 2734786 A4 20150318; JP 2014527152 A 20141009; JP 5989118 B2 20160907; KR 20140096998 A 20140806; MX 2013014909 A 20141002; NZ 620193 A 20151030; RU 2013154306 A 20150620; TW 201319468 A 20130516; TW I588412 B 20170621; WO 2014018000 A1 20140130; ZA 201309040 B 20140827

DOCDB simple family (application)
US 201213528208 A 20120620; AR P120102228 A 20120621; AU 2012381775 A 20120621; BR 112013032674 A 20120621; CA 2840766 A 20120621; CL 2013003631 A 20131218; CN 201280028529 A 20120621; EP 12881139 A 20120621; JP 2014527145 A 20120621; KR 20137034787 A 20120621; MX 2013014909 A 20120621; NZ 62019312 A 20120621; RU 2013154306 A 20120621; TW 101122210 A 20120621; US 2012043477 W 20120621; ZA 201309040 A 20131202