

Title (en)
RADIANT HEAT CHAMBER FOR BOILERS

Title (de)
STRAHLUNGSWÄRMEKAMMER FÜR KESSEL

Title (fr)
CHAMBRE À CHALEUR RAYONNANTE POUR CHAUDIÈRES

Publication
EP 3282189 A4 20181219 (EN)

Application
EP 15864121 A 20151125

Priority
• ES 201400980 A 20141126
• ES 2015000172 W 20151125

Abstract (en)
[origin: US2017321894A1] The invention relates to a heat radiation chamber for boilers, consisting of parallel bars which are equidistant from each other, attached to two rings and supported on legs. Said chamber is arranged inside the combustion chamber of boilers. When combustion occurs, the heating of the bars improves the combustion and, as hot air passes between them, the temperature increases.

IPC 8 full level
F23M 20/00 (2014.01)

CPC (source: EP US)
F23M 3/16 (2013.01 - EP US); **F23M 9/10** (2013.01 - EP US); **F23M 20/00** (2015.01 - EP US)

Citation (search report)
• [X] FR 2535027 A1 19840427 - BAZIRE MARCEL [FR]
• [I] WO 2011000138 A1 20110106 - WANG ZHAOHUI [CN]
• [A] DE 3235592 A1 19840329 - WEINHOLD WOLFGANG [DE], et al
• See references of WO 2016083632A1

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 2017321894 A1 20171109; CA 2968916 A1 20160602; CN 107002996 A 20170801; EP 3282189 A1 20180214; EP 3282189 A4 20181219; ES 2575254 A1 20160627; ES 2575254 B1 20170412; RU 2017122171 A 20181226; RU 2017122171 A3 20190429; WO 2016083632 A1 20160602

DOCDB simple family (application)
US 201515528775 A 20151125; CA 2968916 A 20151125; CN 201580064042 A 20151125; EP 15864121 A 20151125; ES 201400980 A 20141126; ES 2015000172 W 20151125; RU 2017122171 A 20151125