

Title (en)
ARRANGEMENT AND METHOD IN BOILER USING FLUIDIZED-BED TECHNOLOGY

Title (de)
ANORDNUNG UND VERFAHREN FÜR WIRBELSCHICHTKESSEL

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR CHAUDIÈRE À LIT FLUIDISÉ

Publication
EP 2997307 B1 20170705 (EN)

Application
EP 14728236 A 20140513

Priority
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• FI 2014050356 W 20140513

Abstract (en)
[origin: WO2014184437A1] An arrangement and method in a boiler using fluidized-bed technology. The arrangement comprises a first space (1) of a furnace that comprises means for forming a fluidized bed (21), a second space of the furnace that does not comprise means for forming a fluidized bed, means for feeding fuel into the first space (1) of the furnace, a partition wall (3) that is at least mainly vertical and arranged between said spaces (1, 2) of the furnace to separate them from each other, the arrangement further comprising a roof structure (5) arranged above the first space of the furnace to separate the first space (1) of the furnace from parts of the second space (2) above it, the first space (1) of the furnace being connected to the second space (2) through a flow path (18), which flow path (18) is arranged on the side of the first space (1) of the furnace to lead gases (G) rising from the fluidized bed to the second space (2) of the furnace.

IPC 8 full level
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Citation (opposition)
Opponent : Andritz AG
• EP 0302849 A1 19890208 - SIMMERING GRAZ PAUKER AG [AT]
• EP 0230309 A2 19870729 - EBARA CORP [JP]
• WO 9411673 A1 19940526 - AHLSTROEM OY [FI]
• GB 2297608 A 19960807 - SANDOZ LTD [CH], et al
• US 4815418 A 19890328 - MAEDA SADAHIKO [JP], et al
• DE 3001692 A1 19800724 - MITCHELL DOUGLAS ALLISON
• US 2006000143 A1 20060105 - NAGATO SHUICHI [JP], et al
• EP 0431163 A1 19910612 - EBARA CORP [JP]
• EP 0202215 A2 19861120 - SIMMERING GRAZ PAUKER AG [AT]
• DE 3244709 A1 19840607 - BUDERUS AG [DE]
• US 3893426 A 19750708 - BRYERS RICHARD W
• AT 401419 B 19960925 - SGP VA ENERGIE UMWELT [AT]
• STEINRÜCK P.: "Ein neues Wirbelschicht-Verbrennungsverfahren zur thermischen Verwertung von Abfallstoffen", CHEMIE INGENIEUR TECHNIK, vol. 61, no. 11, 1 November 1989 (1989-11-01), Weinheim; DE, pages 889 - 891, XP000133546

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