

Title (en)
ARRANGEMENT AND METHOD FOR BURNING FUEL

Title (de)
ANORDNUNG UND VERFAHREN ZUR VERBRENNUNG VON BRENNSTOFF

Title (fr)
SYSTÈME ET PROCEDE POUR BRÛLER DES COMBUSTIBLES

Publication
EP 3041919 B1 20171108 (EN)

Application
EP 14781612 A 20140903

Priority
• FI 20135887 A 20130903
• FI 2014050673 W 20140903

Abstract (en)
[origin: WO2015033022A1] An arrangement and a method for burning fuel. The arrangement (1) comprises gasification equipment (3) for converting fuel (F) into product gas (G) by gasification and a combustion plant (5) for burning the product gas (G). The gasification equipment (3) comprises means for gasifying fuel at a low temperature. The arrangement (1) also comprises a separator (4) arranged between the gasification equipment (3) and the combustion plant (5) so that substantially all product gas (G) conveyed into the combustion plant flows from the gasification equipment (3) through the separator into the combustion plant (5). The separator (4) comprises means for purifying the product gas (G) of solids.

IPC 8 full level
C10K 1/02 (2006.01); **C10J 3/48** (2006.01); **C10J 3/54** (2006.01); **C10J 3/56** (2006.01); **C10J 3/84** (2006.01)

CPC (source: EP FI)
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Citation (opposition)
Opponent : Sumitomo SHI FW Energia Oy
• US 4676177 A 19870630 - ENGSTROM FOLKE [FI]
• EP 0920485 B1 20000503 - FOSTER WHEELER ENERGIA OY [FI]
• JP 2011220543 A 20111104 - MITSUBISHI HEAVY IND LTD
• EP 2133402 A2 20091216 - METSO POWER OY [FI]
• US 5536285 A 19960716 - ISAKSSON JUHANI [FI], et al

Designated contracting state (EPC)
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