

Title (en)  
FLUIDISED-BED GASIFIER

Title (de)  
WIRBELSCHICHTVERGASER

Title (fr)  
GAZÉFIEUR À LIT FLUIDISÉ

Publication  
**EP 2956529 A1 20151223 (DE)**

Application  
**EP 14705731 A 20140207**

Priority  
• DE 102013101368 A 20130212  
• EP 2014052427 W 20140207

Abstract (en)  
[origin: TW201432043A] In the case of a fluidized-bed gasifier, in particular high-temperature Winkler gasifier, having a cyclone or centrifugal separator which is assigned to the gasifier head and having a solids return conduit from the cyclone into the lower region of the gasifier, it is sought to eliminate the known disadvantages, that is to say eliminate the need for dismounting of the heating burners. This is achieved in that, in particular in the lower region (2a) of the gasifier, there are provided areal heating burners (9) which have a metallic or ceramic cellular structure (10).

IPC 8 full level  
**C10J 3/72** (2006.01); **C10J 3/56** (2006.01); **F23D 14/12** (2006.01); **F23D 14/14** (2006.01)

CPC (source: EP)  
**C10J 3/56** (2013.01); **C10J 3/726** (2013.01); **F23D 14/125** (2013.01); **C10J 2300/0989** (2013.01); **C10J 2300/1223** (2013.01)

Citation (search report)  
See references of WO 2014124875A1

Citation (examination)  
WO 2012074942 A2 20120607 - SYNTHESIS ENERGY SYSTEMS INC [US], et al

Designated contracting state (EPC)  
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BA ME

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**DE 102013101368 A1 20140814**; **DE 102013101368 B4 20230427**; BR 112015019147 A2 20170718; CN 105102591 A 20151125; EP 2956529 A1 20151223; TW 201432043 A 20140816; WO 2014124875 A1 20140821

DOCDB simple family (application)  
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