

Title (en)  
IMPROVED COAL GASIFICATION

Title (de)  
VERBESSERTE KOHLEVERGASUNG

Title (fr)  
GAZÉIFICATION AMÉLIORÉE DU CHARBON

Publication  
**EP 2935525 A1 20151028 (EN)**

Application  
**EP 12890529 A 20121218**

Priority  
CN 2012086808 W 20121218

Abstract (en)  
[origin: WO2014094217A1] A two-zone gasifier is used to produce syngas from coal fines, oxygen and steam. The two-zone gasifier has a top fluidized gasification zone and a bottom entrained flow gasification zone connected by a Venturi throat. The syngas production will occur in both zones with the syngas being collected from the top of the gasifier.

IPC 8 full level  
**C10J 3/20** (2006.01); **C10J 3/46** (2006.01)

CPC (source: EP RU US)  
**C10J 3/46** (2013.01 - RU); **C10J 3/463** (2013.01 - US); **C10J 3/466** (2013.01 - US); **C10J 3/482** (2013.01 - EP US);  
**C10J 3/485** (2013.01 - EP US); **C10J 3/54** (2013.01 - RU); **C10J 3/56** (2013.01 - RU); **C10J 3/721** (2013.01 - EP US);  
**C10J 3/82** (2013.01 - EP US); **C10K 1/026** (2013.01 - EP US); **C10J 2200/15** (2013.01 - US); **C10J 2300/093** (2013.01 - US);  
**C10J 2300/0933** (2013.01 - EP US); **C10J 2300/0936** (2013.01 - EP US); **C10J 2300/0959** (2013.01 - EP US); **C10J 2300/0976** (2013.01 - EP US)

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**CN 2012086808 W 20121218**; AU 2012397141 A 20121218; CA 2893970 A 20121218; CN 201280077646 A 20121218;  
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