

Title (en)  
PROCESS UTILIZING SYNERGISTIC MIXTURE OF FUELS TO PRODUCE ENERGY AND REDUCE EMISSIONS IN BOILERS

Title (de)  
VERFAHREN MIT EINER SYNERGISTISCHEN MISCHUNG AUS BRENNSTOFFEN ZUR ERZEUGUNG VON ENERGIE UND REDUKTION VON EMISSIONEN BEI HEIZKESSELN

Title (fr)  
PROCÉDÉ UTILISANT UN MÉLANGE SYNERGIQUE DE COMBUSTIBLES POUR PRODUIRE DE L'ÉNERGIE ET RÉDUIRE LES ÉMISSIONS DANS DES CHAUDIÈRES

Publication  
**EP 3027968 A4 20170712 (EN)**

Application  
**EP 14832844 A 20140730**

Priority  
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• IB 2014063565 W 20140730

Abstract (en)  
[origin: WO2015015447A1] Emissions from the primary combustion process are captured, cooled (in order to avoid premature combustion before reaching the combustion chamber), compressed, mixed with Magnegas, and then re-combusted in a secondary combustion chamber.

IPC 8 full level  
**F23C 6/04** (2006.01); **C10K 1/00** (2006.01); **C10K 1/02** (2006.01); **C10K 1/04** (2006.01); **C10K 3/06** (2006.01); **C10L 3/00** (2006.01); **C10L 3/06** (2006.01); **C10L 3/12** (2006.01); **F23C 9/06** (2006.01); **F23G 7/06** (2006.01)

CPC (source: EP KR US)  
**C10K 1/00** (2013.01 - EP KR US); **C10K 1/002** (2013.01 - EP KR US); **C10K 1/02** (2013.01 - EP KR US); **C10K 1/04** (2013.01 - EP KR US); **C10K 3/06** (2013.01 - US); **C10L 3/00** (2013.01 - KR); **C10L 3/06** (2013.01 - EP KR US); **C10L 3/12** (2013.01 - EP KR US); **F23C 6/042** (2013.01 - US); **F23C 6/047** (2013.01 - EP KR US); **F23C 9/06** (2013.01 - EP KR US); **F23G 7/065** (2013.01 - EP KR US); **F23C 2900/9901** (2013.01 - EP KR US); **F23K 2400/10** (2020.05 - EP US)

Citation (search report)  
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• [XII] EP 2381172 A1 20111026 - NIPPON STEEL ENG CO LTD [JP], et al  
• [A] US 6663752 B2 20031216 - SANTILLI RUGGERO MARIA [US]  
• See references of WO 2015015447A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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