

Title (en)  
METHOD FOR GRATE FIRINGS COMBUSTION MANAGEMENT

Title (de)  
VERFAHREN ZUR VERBRENNUNGSFÜHRUNG BEI ROSTFEUERUNGEN

Title (fr)  
PROCEDE DE COMMANDE DE COMBUSTION POUR FOYER A GRILLE

Publication  
**EP 3076076 B1 20180815 (DE)**

Application  
**EP 16000114 A 20160119**

Priority  
DE 102015003995 A 20150330

Abstract (en)  
[origin: CA2923869A1] In a method for the combustion management in firing installations, in which a primary combustion gas quantity is conveyed through the fuel into a primary combustion area, part of the waste gas flow is extracted in the rear grate area and returned to the combustion process in the form of internal recirculation gas. In this case, no secondary combustion gas is supplied between the grate and the supply of the internal recirculation gas. A firing installation for carrying out this method features nozzles above the firing grate such that no air supply is arranged between the firing grate and the nozzles.

IPC 8 full level  
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Citation (examination)  
• DE 102008054038 B3 20100429 - KARLSRUHER INST TECHNOLOGIE [DE]  
• US 5205227 A 19930427 - KHINKIS MARK J [US], et al

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BR 102016006958 A2 20161025; BR 102016006958 B1 20230328; CA 2923869 A1 20160930; CA 2923869 C 20230718;  
DE 102015003995 A1 20161006; DK 3076076 T3 20181210; ES 2694862 T3 20181227; JP 2016191544 A 20161110; JP 6653862 B2 20200226;  
KR 20160117306 A 20161010; MX 2016004020 A 20161010; PL 3076076 T3 20190131; PT 3076076 T 20181126; RU 2016111620 A 20171004;  
RU 2016111620 A3 20190717; RU 2712555 C2 20200129; SG 10201602008Y A 20161028; TR 201815495 T4 20181121;  
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KR 20160037785 A 20160329; MX 2016004020 A 20160329; PL 16000114 T 20160119; PT 16000114 T 20160119; RU 2016111620 A 20160329;  
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