

Title (en)

METHOD AND COMBINED SOLID FUEL GASIFIER FOR GASIFICATION OF SOLID FUEL

Title (de)

VERFAHREN UND KOMBINIRTER FESTBRENNSTOFFVERGASER ZUR VERGASUNG VON FESTBRENNSTOFF

Title (fr)

PROCÉDÉ ET GAZÉFIEUR DE COMBUSTIBLE SOLIDE COMBINÉ POUR LA GAZÉIFICATION DE COMBUSTIBLE SOLIDE

Publication

**EP 3592830 A1 20200115 (EN)**

Application

**EP 17732609 A 20170505**

Priority

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- UA 2017000055 W 20170505

Abstract (en)

[origin: WO2018164651A1] Disclosed herein is a method for gasification of solid fuel and the gasifier for realization thereof with improved efficiency of the gasification process, reduced oxidizer consumption for the gasification process and improved stability of the composition of the producer gas so obtained. The gasifier contemplates converting chemical energy of various solid organic fuels into chemical energy of producer gas and thereby efficiently control the gasification process by determining the sequence of thermochemical reactions which, in turn, affect the quantitative and the qualitative parameters of gas being so generated.

IPC 8 full level

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CPC (source: EP)

**C10B 53/00** (2013.01); **C10J 3/24** (2013.01); **C10J 3/26** (2013.01); **C10J 3/60** (2013.01); **C10J 3/721** (2013.01); **C10J 3/84** (2013.01); **C10J 2300/1823** (2013.01)

Citation (search report)

See references of WO 2018164651A1

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