

Title (en)

METHOD AND SYSTEM FOR INCREASING THE CALORIFIC VALUE OF A MATERIAL FLOW CONTAINING CARBON

Title (de)

VERFAHREN UND ANLAGE ZUR ERHÖHUNG DES BRENNWERTS EINES KOHLENSTOFFHALTIGEN STOFFSTROMS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ACCROÎTRE LE POUVOIR CALORIFIQUE D'UN FLUX DE MATIÈRE CONTENANT DU CARBONE

Publication

**EP 2864454 A1 20150429 (DE)**

Application

**EP 13730218 A 20130617**

Priority

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- EP 2013062534 W 20130617

Abstract (en)

[origin: CA2877418A1] In the method according to the invention for increasing the calorific value of a material flow containing carbon, preferably a material flow of renewable raw materials, the material flow is brought in direct contact with at least one low-oxygen, inert hot gas flow in a reactor, wherein the hot gas flow is formed at least 50%, preferably at least 80%, by exhaust gas of a process for thermally processing cement raw meal and/or lime and/or an ore, wherein at least part of a preheater exhaust gas for preheating the cement raw meal and/or lime and/or ore is used as the hot gas flow.

IPC 8 full level

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See references of WO 2013189893A1

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JP 2005239907 A 20050908 - SUMITOMO OSAKA CEMENT CO LTD

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