

Title (en)

METHOD AND DEVICE FOR USING OXYGEN IN THE STEAM REFORMING OF BIOMASS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR NUTZUNG VON SAUERSTOFF BEI DER DAMPFREFORMIERUNG VON BIOMASSE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR UTILISER DE L'OXYGÈNE DANS LE REFORMAGE À LA VAPEUR DE BIOMASSE

Publication

EP 2473581 A2 20120711 (DE)

Application

EP 10757567 A 20100903

Priority

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Abstract (en)

[origin: CA2772981A1] The invention relates to a device for using oxygen for the thermochemical gasification of biomass in at least one fluidized-bed reactor, a heating system being located in the fluidized bed of said reactor and the fluidized-bed reactor being heated by the at least partial oxidation of a combustible gas using oxygen.

IPC 8 full level

C10B 47/24 (2006.01); **B01J 8/00** (2006.01); **B01J 8/18** (2006.01); **B01J 8/28** (2006.01); **C10B 53/02** (2006.01); **C10J 3/50** (2006.01); **C10J 3/66** (2006.01); **C10J 3/80** (2006.01); **F23C 10/18** (2006.01); **H05B 3/64** (2006.01)

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Citation (search report)

See references of WO 2011026630A2

Citation (examination)

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