

Title (en)

PROCESS AND COMBUSTER FOR CARRYING OUT OXYGEN ENRICHED COMBUSTION

Title (de)

VERFAHREN UND VERBRENNUNGSANLAGE FÜR MIT SAUERSTOFF ANGEREICHETERE VERBRENNUNG

Title (fr)

PROCEDE ET DISPOSITIF DE COMBUSTION POUR UNE COMBUSTION ENRICHIE EN OXYGENE

Publication

EP 0774098 A1 19970521 (EN)

Application

EP 95926030 A 19950728

Priority

- NL 9500263 W 19950728
- NL 9401269 A 19940802

Abstract (en)

[origin: WO9604507A1] The invention relates to a process for combusting material, such as waste, fuel or the like, comprising the steps of: supplying material to be combusted into an oven, with removing parts, in particular a stoker oven, introducing a stream of primary combustion gas into the stoker oven, comprising at least 25 vol. % oxygen, combusting the material in the stoker oven at a predetermined temperature for a predetermined time, guiding the flue gas formed during combustion of the material away from the stoker oven, and recycling a predetermined amount of this flue gas, the secondary flue gas, back to the stoker oven.

IPC 1-7

F23G 5/00; **F23L 7/00**; **F23B 1/14**

IPC 8 full level

F23G 5/00 (2006.01); **F23L 7/00** (2006.01)

CPC (source: EP)

F23B 7/007 (2013.01); **F23G 5/002** (2013.01); **F23L 7/007** (2013.01); **F23G 2202/106** (2013.01); **Y02E 20/34** (2013.01)

Citation (search report)

See references of WO 9604507A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9604507 A1 19960215; EP 0774098 A1 19970521; NL 9401269 A 19960301; TW 291528 B 19961121

DOCDB simple family (application)

NL 9500263 W 19950728; EP 95926030 A 19950728; NL 9401269 A 19940802; TW 84108980 A 19950829