

Title (en)
PROCESS FOR BURNING FUEL

Title (de)
VERFAHREN ZUM VERBRENNEN VON BRENNSTOFF

Title (fr)
PROCEDE DE COMBUSTION D'UN COMBUSTIBLE

Publication
EP 0848795 A1 19980624 (DE)

Application
EP 96929121 A 19960905

Priority
• AT 9600157 W 19960905
• AT 148495 A 19950907

Abstract (en)
[origin: WO9709566A1] In a process for burning fuel (5) consisting of free hydrocarbons and/or solid fuel in fine-grained to dust form, to attain as eddy-free a mixture of oxygen and fuel as possible, several streams (13) of fuel are blown on curving path in relation to the central longitudinal axis (2) of a cylindrical or slightly conical main stream (14) of oxygen or oxygen-containing gas widening in the direction of flow, said streams (13) of fuel being formed peripherally to surround the main stream (14), penetrating therein and sucked into said main stream.

IPC 1-7
F23D 1/00; **F23D 14/32**; **F23C 5/06**; **F23D 14/24**

IPC 8 full level
C21C 5/52 (2006.01); **F23C 5/06** (2006.01); **F23D 1/00** (2006.01); **F23D 14/24** (2006.01); **F23D 14/32** (2006.01)

CPC (source: EP US)
C21C 5/5217 (2013.01 - EP US); **F23C 5/06** (2013.01 - EP US); **F23D 1/00** (2013.01 - EP US); **F23D 14/24** (2013.01 - EP US); **F23D 14/32** (2013.01 - EP US); **F23D 2900/00006** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US)

Citation (examination)
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Cited by
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Designated contracting state (EPC)
DE FR IT

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