

Title (en)

METHOD FOR BURNING FUEL IN A CYLINDRICAL COMBUSTION CHAMBER

Title (de)

VERFAHREN ZUM VERBRENNEN VON BRENNSTOFF IN EINER ZYLINDRISCHEN BRENNKAMMER

Title (fr)

PROCÉDÉ DE COMBUSTION DE COMBUSTIBLE DANS UNE CHAMBRE DE COMBUSTION CYLINDRIQUE

Publication

EP 3475609 A1 20190501 (FR)

Application

EP 17732472 A 20170628

Priority

- BE 201605489 A 20160628
- EP 2017066018 W 20170628

Abstract (en)

[origin: WO2018002151A1] Method for burning fuel in a cylindrical combustion chamber, comprising, in this combustion chamber, a projection, from a burner, of a jet of pulverulent solid fuel which is carried in conveying air, and possibly of a flow of primary air, and a supply of oxidising gas in a direction of propagation such as to form a stream of oxidising gas around the jet of fuel projected by the burner, at a temperature that causes combustion of the fuel, the jet of solid fuel having an axial component of projection in the same direction as the said direction of propagation of the oxidising gas in the cylindrical combustion chamber and the ratio between the specific rate of change of momentum of the burner and the specific rate of change of momentum of the oxidising gas being equal to or less than 1.0 and greater than zero.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2018002151A1

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