

Title (en)
Burner supply

Title (de)
Brennerzuführung

Title (fr)
Alimentation de brûleur

Publication
EP 2151628 A3 20110413 (DE)

Application
EP 09009301 A 20090717

Priority
DE 102008036095 A 20080804

Abstract (en)
[origin: EP2151628A2] The device has a medium for pressure impinged positioning of a conveyor fluid in a feeding device. A volume flow of the fuel is displaced in a rotating whirling movement. The medium has multiple twisted nozzles (5), which are formed and arranged such that the conveying fluid adjusts the flow rate of the fuel, and the rotating whirling movement of the flow rate of the fuel is caused on a path in the combustion chamber. The conveyor fluid leaks from the twisted nozzles under pressure. An independent claim is included for a method for positioning a flow rate of fractional fuel in a combustion chamber of the combustion plant.

IPC 8 full level
F23K 3/02 (2006.01)

CPC (source: EP)
C10J 3/506 (2013.01); **F23K 3/02** (2013.01); **F27D 3/0025** (2013.01); **F27D 99/0033** (2013.01); **C10J 2200/15** (2013.01); **C10J 2300/0933** (2013.01); **C10J 2300/0936** (2013.01); **F23K 2203/008** (2013.01)

Citation (search report)

- [X] US 4556384 A 19851203 - LAURENCEAU SERGE [FR], et al
- [X] US 2006040223 A1 20060223 - GHANI M U [US], et al
- [E] WO 2009115158 A1 20090924 - UHDE GMBH [DE], et al

Cited by
CN113551253A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2151628 A2 20100210; EP 2151628 A3 20110413; DE 102008036095 A1 20100211; DE 102008036095 B4 20150402

DOCDB simple family (application)
EP 09009301 A 20090717; DE 102008036095 A 20080804