

Title (en)

Air nozzle for introducing a gas flow comprising an oxidation agent into a combustion chamber

Title (de)

Luftdüse zum Einbringen eines ein Oxidationsmittel umfassenden Gasstroms in einen Feuerraum

Title (fr)

Tuyère d'air destinée à introduire un flux de gaz contenant un agent d'oxydation dans un foyer

Publication

**EP 2522903 B1 20160713 (DE)**

Application

**EP 12166250 A 20120501**

Priority

DE 102011101092 A 20110510

Abstract (en)

[origin: EP2522903A2] The air nozzle (1) has a finger nozzle (2) having a gas feed (3) and a gas flow design structure (4). A nozzle cap (7) is provided for covering finger nozzle at region of gas flow design structure. A discharging hole is provided in the outer nozzle casing for discharging the gas stream. The finger nozzle and nozzle cap can be detachably attached by non-threaded clamp connection. The discharging hole is in fluid communication with gas flow design structure when finger nozzle and nozzle cap are interconnected. An independent claim is included for method for assembling air nozzle.

IPC 8 full level

**F23C 10/20** (2006.01)

CPC (source: EP)

**F23C 10/20** (2013.01); **F23C 2900/10007** (2013.01)

Cited by

CN111065857A; CN111508319A; CN106705032A; CN105444161A; JP2017528307A; RU2633323C1; CN110397915A; EP2884171A1; US9333476B2; US10066831B2; WO2019043830A1; WO2015086191A1; WO2016009289A1

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DOCDB simple family (publication)

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