

Title (en)

PREMIX BURNER AND METHOD FOR COMBUSTING A LOW-CALORIFIC GAS

Title (de)

VORMISCHBRENNER SOWIE VERFAHREN ZUR VERBRENNUNG EINES NIEDERKALORISCHEN BRENNGASES

Title (fr)

BRULEUR A PREMELANGE ET PROCEDE POUR BRULER UN GAZ PAUVRE

Publication

EP 1723369 A1 20061122 (DE)

Application

EP 05708014 A 20050215

Priority

- EP 2005050656 W 20050215
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Abstract (en)

[origin: EP1568942A1] The burner has a burner axle (12) extending to an air duct (2) with combustion air (10) supplied. A mixer (5) is arranged in the air duct where the direction of flow of the combustion air (10) is downstream to the mixer and a nozzle mechanism (13) for the low calorific gas is arranged. The nozzle mechanism (13) has several inlet ports having a gas distribution ring (17) with the air ducts radially surrounds outwards. The air duct has a ring channel (14) with an outside channel wall having several drillings interspersed, with the gas distribution ring in flow connection are located. An independent claim is included for a method.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2005080878A1

Cited by

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