

Title (en)
ASSEMBLY AND METHOD FOR THE INJECTION OF A GASEOUS COMBUSTION AGENT

Title (de)
ANORDNUNG UND VERFAHREN FÜR DIE INJEKTION VON GASFÖRMIGEM BRENNMITTEL

Title (fr)
ENSEMBLE ET PROCÉDÉ POUR L'INJECTION D'UN AGENT DE COMBUSTION GAZEUX

Publication
EP 3671038 B1 20210728 (FR)

Application
EP 18306820 A 20181221

Priority
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Abstract (en)
[origin: WO2020126401A1] Assembly for injecting a gaseous combustion agent into a combustion zone, the assembly comprising a chamber (11), at least one primary injector (21) for carrying a primary flow of the gaseous agent from the chamber (11) towards the combustion zone (1) and for injecting the said primary flow into the combustion zone (1), at least one secondary injector (22) for carrying a secondary flow of the agent from the chamber (11) towards the combustion zone (1) and for injecting the said secondary flow into the combustion zone (1), a pressure detector (30) for detecting a gaseous pressure or a variation in gaseous pressure in the chamber (11), a regulating system (31) for regulating a bore section of the at least one secondary passage fluidically connecting the at least one secondary injector (22) to the chamber (11), a control system (32) connected to the pressure detector (30) and to the regulating system (31), the control system (32) operating the regulating system (31) in such a way that the bore section of the at least one secondary passage is regulated according to the pressure or to the pressure variation detected by the pressure detector (30).

IPC 8 full level
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CPC (source: EP US)
F23D 14/22 (2013.01 - US); **F23D 14/32** (2013.01 - EP); **F23K 5/005** (2013.01 - EP); **F23K 5/007** (2013.01 - EP); **F23N 1/02** (2013.01 - EP); **F23N 1/022** (2013.01 - US); **F23D 2900/14003** (2013.01 - US); **F23K 2400/201** (2020.05 - EP); **F23L 7/00** (2013.01 - US); **F23N 2225/04** (2020.01 - EP US); **F23N 2237/02** (2020.01 - EP US)

Cited by
US11598521B2

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