

Title (en)
Method for operating a combustion plant

Title (de)
Verfahren zum Betrieb einer Feuerungsanlage

Title (fr)
Procédé pour le fonctionnement d'une installation de combustion

Publication
EP 0690263 A3 19960717 (DE)

Application
EP 95810376 A 19950608

Priority
DE 4422535 A 19940628

Abstract (en)
[origin: EP0690263A2] The method involves feeding a mixture (6) of air (3) and returned exhaust gas (4) into a burner (100) for the first combustion phase (1) . The hot gases from this first phase are calorie-moderated before entering the second combustion phase (2). At the top of the second combustion phase (2) a mixture (14) of fuel (15) and returned exhaust gas (4) is introduced into the hot gases. Combustion in this second phase is triggered by self-ignition. A ring chamber (12) is mounted downstream of the first combustion phase on the top side of the second phase. The wall of the ring chamber has openings (13) for feeding in the mixture (14) of exhaust gas and fuel. The burner (100) operates with a compressed combustion air (115). <IMAGE>

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Citation (search report)
• [A] US 5201650 A 19930413 - JOHNSON GREGORY L [US]
• [A] DE 4034008 A1 19910508 - SIEMENS AG [DE]
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CN109595548A; EP1845307A1; US6672863B2

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