

Title (en)

Method for operating a system with a staged combustion

Title (de)

Verfahren zum Betrieb einer Anlage mit einem gestuften Verbrennungssystem

Title (fr)

Procédé pour le fonctionnement d'un système à combustion étagée

Publication

**EP 0751342 B1 20011219 (DE)**

Application

**EP 96810354 A 19960531**

Priority

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Abstract (en)

[origin: EP0751342A2] The plant has at least two combustion stages. The first combustion stage (1a) is driven with a fuel air mixture (3) of fuel and air, where the air ratio is greater than the total air ratio of the combustion system. The hot combustion gases (5) from the first combustion stage are mixed with a fuel and air mixture (4) possessing an air ratio less than the total air ratio of the combustion system. The fuel air mixture for the first combustion stage, with a duration time inside the first combustion stage of 2.4 m seconds +/-25 per cent, comes to combustion with an air ratio of 2.4+/-25 per cent. The fuel air mixture (4) introduced into the host combustion gases is operated with an air ratio of 1.4 +/-25 per cent.

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