

Title (en)

PROCESS AND APPARATUS FOR THE CONTINUOUS THERMAL TREATMENT OF A MOVING TEXTILE WEB

Publication

EP 0273230 A3 19890104 (DE)

Application

EP 87117916 A 19871203

Priority

DE 3644323 A 19861223

Abstract (en)

[origin: EP0273230A2] The thermal treatment of a continuously moving textile web takes place by means of hot gas in a treatment apparatus having at least two successive treatment zones. The entire waste gas of the first treatment zone is introduced into the second treatment zone as fresh gas once it has been heated up. A partial waste-gas stream drawn off at the end of the second treatment zone undergoes secondary combustion. The partial waste-gas stream thus heated first of all warms the second partial waste-gas stream coming out of the second treatment zone, following which, before its discharge into the atmosphere, the partial waste-gas stream coming out of the first treatment zone and then also the fresh air are heated. In this way, extremely cost-effective operation of the entire treatment apparatus is achieved at the same time as reliable waste-gas cleaning and disposal.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

F26B 13/10 (2013.01 - EP US); **F26B 21/04** (2013.01 - EP US); **F26B 23/022** (2013.01 - EP US)

Citation (search report)

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AT DE FR GB IT

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EP 0273230 A2 19880706; **EP 0273230 A3 19890104**; **EP 0273230 B1 19901107**; AT E58226 T1 19901115; DE 3644323 A1 19880707; DE 3766085 D1 19901213; US 5483754 A 19960116

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