

Title (en)
CHIMNEY PIPE ELEMENT

Publication
EP 0341523 B1 19930107 (DE)

Application
EP 89107825 A 19890429

Priority
CH 175488 A 19880509

Abstract (en)
[origin: EP0341523A1] The element has a double-walled, supporting pipe, the outer and inner shell (4, 5) of which are in the form of metal pipes. The outer and the inner shell (4, 5) are connected by means of end caps (9, 10). The cavity between them is filled with an insulating material (6). A refractory lining pipe (2) made of bonded ceramic fibres is provided in the supporting pipe (1). An intermediate space (3) is formed between the outer side of the lining pipe and the inner shell (5). Consequently, the aggressive condensate produced in the lining pipe does not substantially reach the inner shell (5) and is evaporated by the air circulation in the intermediate space, so that no corrosion occurs. The lining pipe (2) serves as flue-gas passage and as heat insulation, so that the flow of heat to the supporting pipe part is checked and the maximum permissible temperature values at its outer shell (5) are not exceeded. <IMAGE>

IPC 1-7
E04F 17/02

IPC 8 full level
E04F 17/02 (2006.01)

CPC (source: EP)
E04F 17/02 (2013.01); **F23J 13/025** (2013.01); **F23J 2213/40** (2013.01)

Cited by
NO337800B1; DE4106835A1; FR2661244A1; EP2851486A1; EP1116917A1; FR2803896A1; DE19825477A1; DE19825477C2

Designated contracting state (EPC)
AT DE FR IT

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EP 0341523 A1 19891115; EP 0341523 B1 19930107; AT E84342 T1 19930115; CH 676271 A5 19901228; DE 58903205 D1 19930218

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