

Title (en)  
Membrane wall

Title (de)  
Membranwand

Title (fr)  
Membrane de paroi

Publication  
**EP 1493968 A3 20050608 (EN)**

Application  
**EP 04076914 A 20040704**

Priority  
NL 1023823 A 20030704

Abstract (en)  
[origin: EP1493968A2] Membrane wall of an incinerator of which the steam pipes are made of carbon steel provided with a stainless steel coating, e.g. Inconel 625, by means of helical welding. The co-extending steam pipes are mutually welded together by a connection strip of 100% stainless steel fitted there between. The coating or strip of weld connection contains less than 10 wt% Fe (iron). The used weld rod contains less than 3 wt% Fe. <IMAGE>

IPC 1-7  
**F23M 5/08**; **F23G 5/46**

IPC 8 full level  
**F23G 5/46** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP)  
**F23M 5/08** (2013.01); **F23M 2900/05001** (2013.01); **F23M 2900/05004** (2013.01)

Citation (search report)

- [XA] US 3404663 A 19681008 - LEWIS EVERETT C, et al
- [X] US 3304920 A 19670221 - CORBIN CHAPMAN EDWARD
- [X] US 3139866 A 19640707 - GUNTHER LUMM, et al
- [A] GB 557853 A 19431208 - BABCOCK & WILCOX LTD
- [A] US 6047649 A 20000411 - KUUKKANEN KARI [FI], et al
- [A] US 5478440 A 19951226 - PAJU RAIMO [FI]
- [A] US 4793269 A 19881227 - DEZUBAY EGON A [US], et al
- [A] US 2588421 A 19520311 - SHEPARD ARTHUR P

Cited by  
EP1785668A1; CN101913060A; WO2020032789A2; US11906158B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1493968 A2 20050105**; **EP 1493968 A3 20050608**; **EP 1493968 B1 20080312**; AT E389150 T1 20080315; DE 602004012349 D1 20080424; DE 602004012349 T2 20090514

DOCDB simple family (application)  
**EP 04076914 A 20040704**; AT 04076914 T 20040704; DE 602004012349 T 20040704