

Title (en)  
DOUBLE WALL EXTENSION

Title (de)  
DOPPELWANDVERLÄNGERUNG

Title (fr)  
DOUBLE EXTENSION DE PAROI

Publication  
**EP 1875130 B1 20160831 (FR)**

Application  
**EP 06743846 A 20060426**

Priority  
• FR 2006050389 W 20060426  
• FR 0551070 A 20050426

Abstract (en)  
[origin: FR2884900A1] The reactor has tubed walls (2) comprising membranes which are cooled by a coolant surrounding a furnace (10). The walls comprise tubed extensions (3) through which the coolant passes in a single pass forced circulation. The coolant circulating in the tubes of the walls and the extension panels permit to balance the heat flow rate received from a fluidized bed circulating in a furnace (10). The extensions are arranged in pairs and are disposed perpendicular or parallel to a wall (11) or constitute furnace partition walls.

IPC 8 full level  
**F22B 21/02** (2006.01); **F23C 10/18** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP KR US)  
**F22B 21/02** (2013.01 - EP KR US); **F22B 21/34** (2013.01 - EP US); **F22B 31/0007** (2013.01 - EP US); **F23C 10/18** (2013.01 - EP US); **F23M 5/08** (2013.01 - EP US)

Citation (examination)  
• US 5836257 A 19981117 - BELIN FELIX [US], et al  
• EP 0864834 A1 19980916 - GEC ALSTHOM STEIN IND [FR]  
• US 2072535 A 19370302 - THOMAS DONALD L

Citation (opposition)  
Opponent : Amec Foster Wheeler Energia Oy  
• US 5215042 A 19930601 - BEISSWENGER HANS [DE], et al  
• EP 1141626 B1 20040414 - FOSTER WHEELER ENERGIA OY [FI]  
• DE 10254780 A1 20040617 - ALSTOM POWER BOILER GMBH [DE]  
• US 5707591 A 19980113 - SEMEDARD JEAN-CLAUDE [FR], et al  
• US 5678497 A 19971021 - GOIDICH STEPHEN JOHN [US]  
• US 3130714 A 19640428 - KOEL JAN C

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

DOCDB simple family (publication)  
**FR 2884900 A1 20061027; FR 2884900 B1 20071130**; CN 101166933 A 20080423; CN 101166933 B 20101020; EP 1875130 A1 20080109; EP 1875130 B1 20160831; ES 2603405 T3 20170227; KR 100919754 B1 20091007; KR 20080003925 A 20080108; PL 1875130 T3 20170331; US 2009084293 A1 20090402; US 9175846 B2 20151103; WO 2006114551 A1 20061102

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