

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)
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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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