

Title (en)
Arrangement of heat exchanger

Title (de)
Wärmetauschereinrichtung

Title (fr)
Agencement d'échangeur de chaleur

Publication
EP 0856705 B1 20020220 (DE)

Application
EP 97120541 A 19971124

Priority
• DE 19703319 A 19970130
• DE 19708231 A 19970228

Abstract (en)
[origin: EP0856705A1] The exchanger has a radial fan (10) which is surrounded by a burner (12). It also has a pipe (14) which is formed in at least one section to a freely cantilevered bend (16). Preferably the bend has an enlarged cross-section and the pipe sections which form the bend meet at an acute angle, the bend including a change of direction of 180 degrees . The preferred cross-section of the pipe in the region of the bend is an oval shape.

IPC 1-7
F24C 15/32

IPC 8 full level
F24C 1/00 (2006.01); **F24C 15/32** (2006.01); **F28D 7/08** (2006.01)

CPC (source: EP US)
F24C 15/322 (2013.01 - EP US); **F24C 15/327** (2013.01 - EP US); **F28D 7/08** (2013.01 - EP US)

Citation (examination)
• DE 1841213 U 19611109 - FERNWAERME KARL KEMPF G M B H [DE]
• EP 0526768 A2 19930210 - ZANUSSI GRANDI IMPIANTI SPA [IT]

Cited by
EP0926447A1; DE102004004393B3; ITTO20100632A1; FR2899317A1; EP1843101A3; US9372005B2; WO2012012479A1; DE202011005261U1; DE102011017024A1

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DOCDB simple family (application)
EP 97120541 A 19971124; AT 97120541 T 19971124; JP 1679498 A 19980129; US 1512098 A 19980129