

Title (en)

WATER-AIR CONVECTOR WITH CHIMNEY EFFECT FOR SPACE-HEATING, AND METHOD OF PRODUCING SUCH A CONVECTOR

Publication

EP 0097905 A3 19841024 (FR)

Application

EP 83106033 A 19830621

Priority

FR 8211084 A 19820624

Abstract (en)

[origin: EP0097905A2] A heat exchanger consists of concentric sleeves (M1, M2), each formed by three helical turns of a tube (T1) equipped with two vertical and longitudinal fins (A1, B1), and made from a plastic containing a thermally conductive filler, this sleeve being formed by extruding the tube with its fins, and then bending. <IMAGE>

IPC 1-7

F28D 1/04; **F28F 21/06**

IPC 8 full level

F28D 1/047 (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP)

F28D 1/0475 (2013.01); **F28F 21/063** (2013.01)

Citation (search report)

- [Y] US 2559272 A 19510703 - JOZSEF BECK
- [YD] FR 2478277 A1 19810918 - COMP GENERALE ELECTRICITE [FR]
- [A] FR 971034 A 19510111
- [A] GB 872255 A 19610705 - ICI LTD
- [A] FR 2285588 A1 19760416 - HOECHST AG [DE]
- [A] US 3384167 A 19680521 - SIMON JAVKIN
- [A] US 1655531 A 19280110 - BEYER OTTO S
- [A] FR 2214097 A1 19740809 - ATOMENERGI AB [SE]

Cited by

US2015107807A1; CN102639955A; US6059024A; US6253567B1; GB2243678A; EP0572187A3; GB2158215A; GB2158216A; EP0350453A1; CN111220007A; GB2192704A; US2009139702A1; US7207377B2; RU181090U1; US11118839B2; EP3521744A4; EP4202341A3; WO2015113525A1

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