

Title (en)

Process for the manufacture of coaxial coiled tubes and heat exchanger with coaxial coiled tubes

Title (de)

Verfahren zur Herstellung eines gewendelten Koaxialrohrs für einen Wärmetauscher und Wärmetauscher, der ein gewendeltes Koaxialrohr aufweist

Title (fr)

Dispositif pour la fabrication de tubes concentriques enroulés et échangeur de chaleur à tubes concentriques enroulés

Publication

**EP 0814312 B1 20040114 (DE)**

Application

**EP 97108997 A 19970604**

Priority

DE 19624030 A 19960617

Abstract (en)

[origin: EP0814312A2] The co-axial tube (1), starting from a tangentially extending elongated section (7), is helically coiled with a double conical centre-tied outer contour by first reducing the radial extent (E,E1-E4) from winding (8-11) to winding (9-12), and then by enlarging the radial extent (E5-E9) from winding (13-16) to winding (14-17), running out into a tangential elongated section (18). The spiral-form windings by parallel alignment of the elongated tangential end sections are then axially fitted together in two banks.

IPC 1-7

**F28D 7/02**; **F28D 7/08**; **F28D 7/10**

IPC 8 full level

**B21D 53/02** (2006.01); **F28D 7/02** (2006.01); **F28D 7/08** (2006.01); **F28D 7/10** (2006.01)

CPC (source: EP)

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