

Title (en)

Method of manufacturing a flexible, on the inside smooth, corrugated pipe, and a corrugated pipe manufactured thereby

Title (de)

Verfahren zum Herstellen eines flexiblen, im Inneren glatten Wellrohres, sowie ein nach dem Verfahren hergestelltes Wellrohr

Title (fr)

Méthode de fabrication d'un tuyeau ondulé et flexible, qui est lisse à l'intérieur, et tuyeau ondulé fabriqué par cette méthode

Publication

EP 1647340 A1 20060419 (DE)

Application

EP 05021761 A 20051006

Priority

DE 102004049766 A 20041012

Abstract (en)

Production of flexible internally smooth corrugated tube with an inner smooth metal band (4) of the same width as the outer bent metal band (2). The corrugated tube has a bent groove (16) passing along the center. Independent claims are included for: (1) a device for carrying out the process; (2) a corrugated tube with an inner band in stainless steel.

IPC 8 full level

B21C 37/12 (2006.01)

CPC (source: EP)

B21C 37/121 (2013.01); **B21C 37/123** (2013.01); **B21C 37/124** (2013.01)

Citation (applicant)

- DE 4201859 C2 19970306 - HAHN FRITZ GMBH CO KG [DE]
- US 3487537 A 19700106 - LOMBARDI JACK P

Citation (search report)

- [A] US 4160312 A 19790710 - NYSEN JAMES
- [DAY] DE 4201859 A1 19930729 - HAHN FRITZ GMBH CO KG [DE]
- [Y] US 4616495 A 19861014 - MENZEL STANLEY W O [US]
- [DA] US 3487537 A 19700106 - LOMBARDI JACK P
- [A] US 3857159 A 19741231 - DAVIS P
- [A] US 3661314 A 19720509 - TSELIKOV ALEXANDR IVANOVICH, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1647340 A1 20060419; **EP 1647340 B1 20080220**; AT E386597 T1 20080315; DE 102004049766 B3 20060608; DE 502005002895 D1 20080403; ES 2298903 T3 20080516; PT 1647340 E 20080602

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