

Title (en)

Method and device for the manufacture of a tube from strip material

Title (de)

Verfahren und Vorrichtung zum Herstellen eines Rohres aus Bandmaterial

Title (fr)

Procédé et dispositif pour la fabrication d'un tube à partir de matériau en bande

Publication

EP 0976466 A3 20001018 (DE)

Application

EP 99109817 A 19990519

Priority

DE 19834400 A 19980730

Abstract (en)

[origin: EP0976466A2] The method of making thin wall metal tubes involves cold forming a thin metal blank into an increasing curved section with the edges (4) closed and then welded together. The partially formed blank (3) is first twisted around a quarter turn and, prior to welding closed, is rotated back slightly. The claims also include a machine for carrying out the method.

IPC 1-7

B21C 37/08

IPC 8 full level

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CPC (source: EP)

B21C 37/08 (2013.01); **B21C 37/083** (2013.01); **B21D 5/12** (2013.01)

Citation (search report)

- [A] US 4460118 A 19840717 - ATAKA MATSUO [JP], et al
- [A] US 3101401 A 19630820 - GUSTAV SCHLOTTERER
- [A] DATABASE WPI Week 197828, Derwent World Patents Index; AN 1978-50312, XP002145141

Cited by

CN106031936A; CN102847744A; EP1466676A1; CN117020409A; CN108895213A

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