

Title (en)
Device for the production of annularly corrugated tubes

Title (de)
Vorrichtung zur Herstellung ringförmig gewellter Metallrohre

Title (fr)
Dispositif pour la fabrication de tuyaux à ondulations annulaires

Publication
EP 1181994 B1 20030827 (DE)

Application
EP 00402299 A 20000817

Priority
EP 00402299 A 20000817

Abstract (en)
[origin: EP1181994A1] The appliance has a toothed pressure roller rotating about a smooth tube (G). The roller has between 7 and 11, pref. between 8 and 10 teeth, and the teeth have flat heads and almost parallel sides. The smooth tube is guided tightly in a guide sleeve (12) in front of an behind the contact with the pressure roller (13). The width of the teeth is the same as, or larger than, the diameter of the tube in a corrugation base. There may be two or more pressure rollers. The teeth have hardened and/or polished heads, or inset hard metal parts.

IPC 1-7
B21C 37/20; **B21D 15/06**

IPC 8 full level
B21C 37/20 (2006.01); **B21D 15/06** (2006.01)

CPC (source: EP US)
B21C 37/205 (2013.01 - EP US); **B21D 15/06** (2013.01 - EP US)

Cited by
EP2243567A1; CN102248051A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1181994 A1 20020227; **EP 1181994 B1 20030827**; AT E248037 T1 20030915; AU 5589001 A 20020221; AU 778357 B2 20041202; BR 0103426 A 20020326; CA 2355172 A1 20020217; CA 2355172 C 20100427; CN 1222376 C 20051012; CN 1367052 A 20020904; DE 50003453 D1 20031002; DK 1181994 T3 20031222; ES 2200800 T3 20040316; JP 2002102941 A 20020409; US 2002029598 A1 20020314; US 6550300 B2 20030422

DOCDB simple family (application)
EP 00402299 A 20000817; AT 00402299 T 20000817; AU 5589001 A 20010720; BR 0103426 A 20010815; CA 2355172 A 20010815; CN 01125514 A 20010807; DE 50003453 T 20000817; DK 00402299 T 20000817; ES 00402299 T 20000817; JP 2001247026 A 20010816; US 93030901 A 20010816