

Title (en)
Process of manufacturing cylindrical hollow bodies and the use thereof

Title (de)
Verfahren zur Herstellung zylindrischer Hohlkörper und Verwendung derselben

Title (fr)
Procédé de fabrication de corps cylindriques creux et leur utilisation

Publication
EP 1201775 B1 20040728 (DE)

Application
EP 01890291 A 20011010

Priority
AT 18222000 A 20001024

Abstract (en)
[origin: EP1201775A1] Production of cylindrical hollow bodies having a circular cross-section comprises forming a tube blank from a remelting ingot; molding to a tubular body by extrusion with a degree of deformation of at least 6 times; and optionally further processing. Preferred Features: The remelting ingot is made from a corrosion resistant martensitic steel containing (in wt.%) 12-29 Cr, 0.02-5.9 Mo, 0.05-0.8 C and 0.05-0.8 N; or 0.3-3.0 Mn, 12.1-28.0 Cr, 0.25-5.8 Mo, 0.01-3.0 Ni, 0.05-2.0 V, 0.15-0.7 C and 0.15-0.7 N.

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C21D 8/10; **B21C 23/08**

IPC 8 full level
B21C 23/08 (2006.01); **B21C 37/06** (2006.01); **C21D 8/10** (2006.01)

CPC (source: EP US)
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EP 1201775 A1 20020502; **EP 1201775 B1 20040728**; AT 413195 B 20051215; AT A18222000 A 20050515; AT E272127 T1 20040815; CA 2359294 A1 20020424; CA 2359294 C 20080708; DE 50102983 D1 20040902; ES 2225463 T3 20050316; US 2002104213 A1 20020808; US 7181847 B2 20070227

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