

Title (en)

PROCESS AND APPARATUS FOR THE PRODUCTION OF LIGHT ALLOY TUBING OF LARGER DIAMETER STARTING FROM TUBING OF SMALLER DIAMETER

Publication

EP 0432485 A3 19910703 (EN)

Application

EP 90121705 A 19901113

Priority

IT 2238689 A 19891115

Abstract (en)

[origin: EP0432485A2] Production of light alloy tubing of larger diameter starting from tubing of smaller diameter comprising the following operations:
a) A tube having a diameter from 100mm to 400mm is introduced in a mandrel (1), b) the mandrel (1) is rotated, and c) the tube (12) is compressed by a pressing roller (2) against the inner part of the mandrel (1). <IMAGE>

IPC 1-7

B21D 41/02

IPC 8 full level

B21D 41/02 (2006.01)

CPC (source: EP)

B21D 41/02 (2013.01)

Citation (search report)

- [X] GB 2025818 A 19800130 - DONCASTER & SONS LTD D
- [X] GB 2007134 A 19790516 - HONDA MOTOR CO LTD
- [X] DE 3237295 A1 19840412 - STAHLWERKE PLATE GMBH & CO KG [DE]
- [X] EP 0286587 A2 19881012 - RAGETTLI CHRISTIAN AG [CH]
- [A] FR 1570221 A 19690606
- [A] FR 2195491 A1 19740308 - ROULEMENTS SOC NOUVELLE [FR]

Cited by

US9038428B2; US8777277B2; US9010164B2; US9333543B2; US10161547B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0432485 A2 19910619; EP 0432485 A3 19910703; EP 0432485 B1 19940622; AT E107550 T1 19940715; DE 69010163 D1 19940728; DE 69010163 T2 19941006; DK 0432485 T3 19940725; ES 2055851 T3 19940901; IT 1236712 B 19930326; IT 8922386 A0 19891115; IT 8922386 A1 19910515

DOCDB simple family (application)

EP 90121705 A 19901113; AT 90121705 T 19901113; DE 69010163 T 19901113; DK 90121705 T 19901113; ES 90121705 T 19901113; IT 2238689 A 19891115