

Title (en)

Process for hot drawing hollow extruded or drawn aluminium bodies and equipment for application of said process.

Title (de)

Verfahren und Vorrichtung zum Warmziehen von extrudierten oder gezogenen Hohlkörpern.

Title (fr)

Méthode et dispositif pour filage à chaud pour corps creux extrudés ou étirés.

Publication

EP 0466017 A1 19920115 (EN)

Application

EP 91111070 A 19910704

Priority

IT 2091690 A 19900711

Abstract (en)

Drawing of hollow extruded or drawn aluminium bodies is accomplished by forcing the hollow body through a drawing ring pushed by a plunger or mandrel placed inside said body and heated to a temperature not less than 90 DEG C and generally between 105 DEG C and 140 DEG C. The equipment for application of the process comprises one or more toolholder feed bars in which the plungers or mandrels and one or more drawing rings are alternately inserted or coupled and in which each plunger has an inner chamber (22), heating means (14) arranged in said chamber and longitudinal grooves (16) along its outer surface. <IMAGE>

IPC 1-7

B21C 45/00; **B21D 51/36**

IPC 8 full level

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Citation (search report)

- [A] AT 357755 B 19800725 - MEPAG AG
- [A] EP 0098669 A1 19840118 - CEBAL VERPACKUNGEN [DE]
- [A] DE 3620309 A1 19871223 - HOELL KARL GMBH CO KG [DE]
- [A] DE 2208826 B2 19740110
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Cited by

US5925628A; US6468798B1

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EP 0466017 A1 19920115; **EP 0466017 B1 19940119**; AT E100361 T1 19940215; DE 69101035 D1 19940303; DE 69101035 T2 19940505; ES 2050485 T3 19940516; IT 1246763 B 19941126; IT 9020916 A0 19900711; IT 9020916 A1 19920111

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