

Title (en)

IMPROVEMENT IN METHODS AND DEVICES FOR THE CONTINUOUS HYDROSTATIC EXTRUSION OF METALS

Publication

**EP 0010510 B1 19830831 (FR)**

Application

**EP 79420047 A 19791009**

Priority

FR 7829852 A 19781012

Abstract (en)

[origin: US4343169A] An improved continuous hydrostatic extrusion process and apparatus for metals is disclosed. In order to reduce the leaks of viscous fluid through the clearances between the rotor and the stator, which clearances are necessary for operation of the apparatus, the drive fluid used in the groove of the rotor to cause forward movement of the blank is of a higher viscosity than the fluid in the isostatic chamber in which extrusion pressure is present. The pumping power is accordingly greatly reduced and it is possible to avoid the use of expensive and delicate pressure multiplying means.

IPC 1-7

**B21C 23/00**

IPC 8 full level

**B21C 23/00** (2006.01); **B21C 23/21** (2006.01)

CPC (source: EP US)

**B21C 23/005** (2013.01 - EP US); **B21C 23/008** (2013.01 - EP US)

Citation (examination)

- FR 2128843 A1 19721020 - ATOMIC ENERGY AUTHORITY UK
- FR 2310813 A1 19761210 - TREFIMETAUX [FR]
- FR 2373339 A1 19780707 - TREFIMETAUX [FR]

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