

Title (en)

A volume-control regulatinon procedure for plastic processing of material by cross-sectional reduction, and system

Title (de)

Verfahren und system zum Steuern eines Ziehverfahrens durch Volumenmessung

Title (fr)

Procédé et système de réglage d'un procédé d'étrirage par mesure de volume

Publication

EP 0976465 A1 20000202 (EN)

Application

EP 98113975 A 19980727

Priority

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Abstract (en)

In a system comprising an upstream die plate (12) and a downstream die plate (14) for carrying out plastic processing with reduction of cross section on a moving strip or wire (F) of material, one drawing capstan (16) downstream of an upstream die plate (12), and a further drawing capstan (18) downstream of a downstream die plate (14), possible errors of rotational speed of the upstream capstan (16) with respect to the downstream capstan (18) are detected by measuring the volume of material that passes per unit time at a location upstream of the upstream capstan (16), which is the capstan being controlled, and at a location upstream of the downstream capstan (18), which is the reference capstan. The measurement must be made in the vicinity of the corresponding die plates (12,14)(it is not important whether before or behind). <IMAGE>

IPC 1-7

B21C 1/12

IPC 8 full level

B21C 1/12 (2006.01)

CPC (source: EP)

B21C 1/12 (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 005, no. 112 (M - 079) 21 July 1981 (1981-07-21)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 365 (M - 542) 6 December 1986 (1986-12-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 002, no. 049 (E - 025) 6 April 1978 (1978-04-06)

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