

Title (en)

Apparatus and method for control of metallic coating-weight by the use of gas knives

Title (de)

Vorrichtung und Verfahren zum Kontrollieren der Beschichtungsgewicht eines metallüberzuges mittels Blasdüsen

Title (fr)

Dispositif et méthode pour le contrôle du poids d'une couche de revêtement métallique par l'emploi de buses à air

Publication

EP 0692549 A1 19960117 (EN)

Application

EP 94110948 A 19940714

Priority

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Abstract (en)

A gas wiping die is provided with a predetermined arrangement of cams (41) which act against a flexible lip (21) either directly or through intermediate push rods (31) or the like to adjust the opening of the wiping die orifice (29). The invention may involve several cam shafts (43) which may be rotated by a so-called stepping motor or motors. The arrangement allows a smooth progression of changes in the opening and camber of the coating die gas orifice slot. Various contours of cam shaft may be provided to provide easily implemented programs of die adjustment, either smoothly or discretely, to adjust for variations in coating conditions or procedure. <MATH>

IPC 1-7

C23C 2/20

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CPC (source: EP)

C23C 2/20 (2013.01)

Citation (search report)

- [XA] EP 0566497 A1 19931020 - CLECIM SA [FR]
- [A] FR 2136041 A5 19721222 - DEMAG AG
- [AD] FR 2090313 A1 19720114 - ITALSIDER SPA [IT]
- [X] PATENT ABSTRACTS OF JAPAN vol. 17, no. 373 (C - 1083) 14 July 1993 (1993-07-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 180 (C - 0935) 30 April 1992 (1992-04-30)

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