

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 B1 20001129 (EN)

Application

EP 94110948 A 19940714

Priority

EP 94110948 A 19940714

Abstract (en)

[origin: EP0692549A1] 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

IPC 8 full level

C23C 2/20 (2006.01)

CPC (source: EP)

C23C 2/20 (2013.01)

Cited by

CN104911524A; DE19881989B4; CN115478240A; US10961602B2; US11041226B2; US11326227B2; US11939643B2; EP3587105B1; EP3587105A1

Designated contracting state (EPC)

AT BE DE ES FR GB GR IT LU NL PT SE

DOCDB simple family (publication)

EP 0692549 A1 19960117; EP 0692549 B1 20001129; AT E197822 T1 20001215; DE 69426357 D1 20010104; DE 69426357 T2 20010405; ES 2152958 T3 20010216; GR 3035374 T3 20010531; PT 692549 E 20010531

DOCDB simple family (application)

EP 94110948 A 19940714; AT 94110948 T 19940714; DE 69426357 T 19940714; ES 94110948 T 19940714; GR 20010400201 T 20010206; PT 94110948 T 19940714