

Title (en)
Device for adjusting the interstice between rollers.

Title (de)
Walzenspalteinstellvorrichtung.

Title (fr)
Dispositif pour ajuster l'interstice entre des rouleaux.

Publication
EP 0351507 B1 19940622 (DE)

Application
EP 89108175 A 19890505

Priority
CH 268988 A 19880716

Abstract (en)
[origin: EP0351507A2] In devices for adjusting the interstice between rollers for roller pairs (101, 102) of a roller frame with actuating elements (131, 131', 133, 133', 134, 135, 136) and support elements (141, 141', 143), as are customary for example for coating plastic films or metal tapes with substances which act only moderately or not at all on the metering roller interstice, those mechanical faults which adversely affect the accuracy of the layer thickness and which derive from "external" fault sources for example from bearing errors and stand couplings should be eliminated, as well as such faults which are caused by "internal" (system-inherent) roller bending forces due to the actuating and support elements positioned in a radial actuating plane and a radial support plane corresponding to it. <??>This is achieved with the aid of half-shell bearings (131, 131', 141, 141') guided on the roller pins (121, 122) independent of "external" construction parts associated with the stand and the drives, with actuating and support forces, engaging free of play on both sides of the roller pins (121, 122), of the actuating elements (133, 134, 135, 136, 133') and support elements (143) in a radial plane identical to and at right angles with the roller axles. <??>Moreover, this arrangement offers, inter alia, the possibility of an advantageous installation of a roller spacing measuring device guided centrally in the actuating unit (134, 135).

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B05C 1/08; B05C 11/10

IPC 8 full level
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