

Title (en)

Sheet transport drum with a non relocatable ending in an axle box and a relocatable ending in an axle box.

Title (de)

Bogentransporttrommel, deren Achse an einem Ende unverschiebbar und am anderen Ende translatorisch bewegbar gelagert ist.

Title (fr)

Rouleau de transport de feuilles dont l'axe est situé à une extrémité sans possibilité de translation et à l'autre extrémité avec possibilité de translation.

Publication

EP 0453789 B1 19940202 (DE)

Application

EP 91104695 A 19910326

Priority

DE 4012928 A 19900424

Abstract (en)

[origin: EP0453789A1] 1. To eliminate displacement errors in multicolour printing in sheet-fed rotary printing machines, corrections are carried out by inclination of sheet transport drums. The drive must not be influenced by the inclination. <??>2. A sheet transport drum 1 consisting of support disks 17, 18 and gripper bars 6, 7 is mounted on a drum shaft 16. The support disk 18 is located with a flange 22 on an adjustment eccentric 19. The support disk 17 has on its flange 21 a curved bearing surface 20 about which the drum body can be inclined in relation to the drum shaft 16 by means of the adjustment eccentric 19. Alternatively, the drum body can be coupled to the drive-side bearing flexibly. <??>3. The movements of the drum inclination influence the drive and thus also the transmission ratios of the sheet-guiding cylinders to one another only in such a manner that no displacements which are harmful for the registration arise. <IMAGE>

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IPC 8 full level

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