

Title (en)

Method and apparatus to control and calibrate the distance between a conveyor roller and a friction retainer in an apparatus for separating sheets from a stack

Title (de)

Verfahren und Vorrichtung zur Regelung und Kalibrierung des Abstandes zwischen einer Rolle und einer Reibvorrichtung eines Gerätes zur Trennung von Blättern von einem Stapel

Title (fr)

Méthode et appareil pour commander et calibrer l'espacement entre un rouleau et un arrêt de frottement dans un appareil servant à séparer les feuilles d'une pile

Publication

EP 1939122 A1 20080702 (EN)

Application

EP 06077330 A 20061228

Priority

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Abstract (en)

In an apparatus for separating sheets from a stack (2), the relative positions of a conveyor roller (5) and a separating surface (9) are adjusted by bringing a single specimen of the sheets to be separated in the separating area (4), activating a drive (11, 24) for driving rotation of the conveyor roller (5), and carrying out at least once an adjustment cycle. The adjustment cycle includes measuring a variable dependent on resistance encountered by the drive (11, 24), checking the measured resistance against a predetermined criterion; and, if the measured value of this variable does not meet the predetermined criterion, operating the adjustment structure (10) to adjust at least the position of the conveyor roller relative to the separating surface or the position of the separating surface (9) relative to the conveyor roller (5) and restarting the adjustment cycle until the measured resistance meets the predetermined criterion.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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