

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE CIRCULATION SPEED OF AN ENDLESS BELT AND ARRANGEMENT FOR GENERATION OF A BRAKING FORCE ON AN ENDLESS BELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STEuern DER UMLAUFgeschWINDIGKEIT EINES ENDLOSEN BANDES SOWIE ANORDNUNG ZUM ERZEUGEN EINER BREMSKRAFT AUF EIN ENDLOSES BAND

Title (fr)

PROCEDE ET DISPOSITIF POUR COMMANDER LA VITESSE DE DEPLACEMENT CIRCULAIRE D'UNE BANDE SANS FIN ET DISPOSITIF POUR GENERER UNE FORCE DE FREINAGE APPLIQUEE A UNE BANDE SANS FIN

Publication

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Application

EP 04764556 A 20040827

Priority

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Abstract (en)

[origin: US2007189806A1] In a method for control of circulation speed of an endless belt arranged in a printer or copier, the endless belt is directed over at least two rollers where the belt is driven with a preset first circulation speed via at least one of the rollers as a driven roller. Various load states act on the endless belt in successive operating phases during a printing or copying process, and via said various load states the belt being braked with different strengths so that a slippage is generated at least between the belt and the driven roller. A braking force acting directly on the endless belt is generated. Braking force is controlled such that a substantially constant slippage is generated between the driven roller and the belt based on the operating phases so that the endless belt is braked to a second circulation speed.

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IPC 8 full level

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CPC (source: EP US)

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