

Title (en)
Pair of traction rollers

Title (de)
Zugwalzenpaar

Title (fr)
Paire de rouleaux de traction

Publication
EP 0767124 A2 19970409 (DE)

Application
EP 96115769 A 19961002

Priority
DE 19537422 A 19951007

Abstract (en)
The distance (a) between the two rollers (2,3) can be altered. At least one of the rollers has a drive mechanism (21,22). The multilayered web of material (4) is fed between the rollers by transporter elements (13) the distance between which alters the peripheral speed of the transporter elements. Each transporter wheel is positioned to the right and left of a roll barrel (6) on roller studs (9,11). The wheels engage the paper and draw it forward.

Abstract (de)
Bei einem Zugwalzenpaar (1) besteht die Aufgabe darin eine Umfangsgeschwindigkeit der Walzen (2,3) mit einfachen Mitteln zu verändern. Dies wird durch auf den Walzen (2,3) elastisch gelagerten Transportelementen (10,13,67) erreicht. <IMAGE>

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IPC 8 full level
B41F 13/02 (2006.01); **B65H 20/02** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP US)
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Cited by
DE102008000057B4; EP1762529A3; DE10215938C1; DE10035001B4; DE102008000060B4; DE10035000B4; DE102009000353B4; CN113335969A; DE102008000057A1; EP1762529A2; DE102009000353A1; DE102008000060A1; WO03086925A1

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