

Title (en)  
Drive of a printing unit having a coupling

Title (de)  
Antrieb einer Druckeinheit mit Kupplung

Title (fr)  
Entraînement d'une unité d'impression avec accouplement

Publication  
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Application  
**EP 01982103 A 20010917**

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Abstract (en)  
[origin: WO0224452A2] The invention relates to a printing unit comprising a pair of cylinders made up of a form cylinder and a transfer cylinder, in addition to a third cylinder, which forms a printing site with the transfer cylinder. The form cylinder and the transfer cylinder are coupled together in a fixed manner, forming a drive system, which is driven by a common drive motor during the printing process. Power is transmitted from the transfer cylinder of the pair to the form cylinder of the pair. The drive system of the pair and the drive of the third cylinder are coupled to one another in a mechanical manner by means of a coupling, so that they can be selectively coupled or decoupled.  
[origin: WO0224452A2] The invention relates to a printing unit (01, 46) comprising a pair (02) of cylinders made up of a form cylinder (03) and a transfer cylinder (04), in addition to a third cylinder (08, 09), which forms a printing site (11) with the transfer cylinder (04). The form cylinder (03) and the transfer cylinder (04) are coupled together in a fixed manner, forming a drive system (23, 58), which is driven by a common drive motor (06) during the printing process. Power is transmitted from the transfer cylinder (04) of the pair (02) to the form cylinder (03) of the pair (02). The drive system (23) of the pair (02) and the drive of the third cylinder (08, 09) are coupled to one another in a mechanical manner by means of a coupling (12), so that they can be selectively coupled or decoupled.

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