

Title (en)
Printing units of a printing machine

Title (de)
Druckwerke einer Druckmaschine

Title (fr)
Unités d'impression d'une machine à imprimer

Publication
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Application
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Abstract (en)
[origin: EP1669211A2] Blanket located on the outer surface of a roller, e.g. a printing unit roller, consists of an elastic and or compressible layer with a surface pressure that is defined by the degree of an impression. The layer is designed so that the dependency of the surface pressure on the impression force has a gradient of less than 700 Ncm -> 2> mm -> 1>. The invention also relates to a corresponding roller arrangement and printer mechanism.

IPC 8 full level
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Citation (search report)
• [PX] EP 1208997 A1 20020529 - CONTITECH ELASTOMER BESCH GMBH [DE]
• [A] DE 1546788 A1 19700723 - MINNESOTA MINING & MFG
• [A] US 6231954 B1 20010515 - YOSHIDA TAKEO [JP], et al
• [A] US 5884559 A 19990323 - OKUBO HIROMASA [JP], et al
• [A] EP 0514344 A1 19921119 - HEIDELBERG HARRIS INC [US], et al
• [A] WO 0139974 A2 20010607 - KOENIG & BAUER AG [DE], et al

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