

Title (en)
DIGITAL PRINTING BLANKET CARCASS

Title (de)
DRUCKTUCH-SYSTEM ZUR ANWENDUNG IN DER DIGITALEN DRUCKTECHNIK

Title (fr)
STRUCTURE DE BLANCHET POUR IMPRESSION NUMERIQUE

Publication
EP 0840677 A4 19980916 (EN)

Application
EP 96921548 A 19960612

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• US 9610134 W 19960612

Abstract (en)
[origin: WO9700169A1] The present invention relates to a digital printing blanket carcass (25) for supporting a transfer layer (15) having an outer surface which is capable of transferring electrostatic particles. This carcass (25) includes an upper layer of a resilient material (50) which can withstand a temperature of up to about 150 DEG C, such as silicone rubber, hydrogenated nitrile rubber, an acrylic rubber or a fluoroelastomer. The carcass also includes a compressible layer (45) of elastomeric matrix material having a plurality of open or closed cells therein; and a fabric layer (40), made from a fiber material which can withstand a temperature of up to about 150 DEG C, such as carbon, boron, a metal, fiberglass, a polyimide, or an aromatic polyamide.

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Citation (search report)
• [Y] EP 0613791 A2 19940907 - GRACE W R & CO [US]
• [Y] EP 0479591 A1 19920408 - GRACE W R & CO [US]
• [A] GB 2056883 A 19810325 - GRACE W R & CO
• See references of WO 9700169A1

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