

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**

Priority  
• US 288795 P 19950616  
• 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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