

Title (en)  
HYDROPHILIC COATING MATERIAL FOR INTRACORPOREAL USE

Title (de)  
HYDROPHILES BESCHICHTUNGSMATERIAL FÜR INTRAKOPORELE VERWENDUNG

Title (fr)  
MATÉRIAU DE REVÊTEMENT HYDROPHILE À USAGE INTRACORPOREL

Publication  
**EP 0772467 A1 19970514 (EN)**

Application  
**EP 95928107 A 19950721**

Priority  
• US 9509267 W 19950721  
• US 27923994 A 19940722

Abstract (en)  
[origin: WO9603164A1] A flexible hydrophilic coating on a device which is to contact body fluid and particularly for flexible substrates on intracorporeal devices such as balloons on dilatation catheters. The coating includes at least 30 % of a copolymer of a hydrophilic monomer and a plasticizer monomer. A presently preferred hydrophilic monomer is acrylamide and the presently preferred plasticizer monomer is methoxy (polyethylene glycol) mono methacrylate where the polyethylene glycol moiety has a molecular weight of about 1000. Other hydrophilic polymers, such as n-vinyl pyrrolidone, may also be incorporated into the coating. Both polymers are treated to attach latent photoactive groups to facilitate the bonding thereof to a substrate.

IPC 1-7  
**A61L 29/00**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
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