

Title (en)  
IONICALLY AND COVALENTLY CROSS-LINKED POLYMERS AND POLYMER MEMBRANES

Title (de)  
KOVALENT UND IONISCH VERNETZTE POLYMERE UND POLYMERMEMBRANEN

Title (fr)  
POLYMÈRES ET MEMBRANES POLYMÈRES RÉTICULÉS PAR VOIE IONIQUE ET PAR COVALENCE

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Application  
**EP 01960223 A 20010517**

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Abstract (en)  
[origin: WO0187992A2] The present invention relates to ionically and covalently cross-linked polymers and polymer membranes having recurrent units of the general formula (1), wherein Q is a link, oxygen, sulfur, (2) or (3) and the R radical is a divalent radical of an aromatic or heteroaromatic compound, and which are characterized in that a) R radical comprises at least partially substituents of general formula (4A), (4B), (4C), (4D), (4E), (4F), (4G) and/or (4H), b) R radical comprises at least partially substituents of the general formula (5A) and/or (5B) and/or the R radical is at least partially a group of the general formula (5C) and/or (5D) and c) the R radical comprises at least partially bridges of the general formula (6) linking at least to R radicals together, R>1<, R>2<, R>3<, R>4<, R>5<, M, X, Y, Z and m having the herein-mentioned meanings.

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IPC 8 full level  
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