

Title (en)  
PAPER COMPRISING POLYBENZAZOLE OR PRECURSOR THEREOF

Title (de)  
PAPIER MIT POLYBENZAZOL ODER EINEM VORLÄUFER DAVON

Title (fr)  
PAPIER CONTENANT DU POLYBENZAZOLE OU UN PRÉCURSEUR DE CE DERNIER

Publication  
**EP 2191067 A1 20100602 (EN)**

Application  
**EP 08803525 A 20080902**

Priority  

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- EP 07017825 A 20070912
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Abstract (en)  
[origin: EP2037039A1] The invention relates to a paper comprising at least one of a fiber, pulp, fibril, floc, and fibril containing a polybenzazole structure with a repeating unit of formula (I) and/or (II), or (III): wherein Ar 1 and Ar 2 are independently an aromatic group having 4 to 12 carbon atoms, Ar1 and Ar2 have the para or meta configuration, and X and Y are the same or different and selected from O, S, and NH; n is 0 or 1. The paper can be made free of non-extractable phosphorus compound. The paper is particularly suitable for making an electrical insulation material, a honeycomb structure, or a constructive material.

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