

Title (en)
Paper comprising polybenzazole or precursor thereof

Title (de)
Papier mit Polybenzazol oder einem Vorläufer davon

Title (fr)
Papier comportant du polybenzazole ou leur précurseur

Publication
EP 2037039 A1 20090318 (EN)

Application
EP 07017825 A 20070912

Priority
EP 07017825 A 20070912

Abstract (en)
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.

IPC 8 full level
D21H 13/20 (2006.01); **D21H 13/26** (2006.01)

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Citation (search report)

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DOCDB simple family (application)
EP 07017825 A 20070912; CN 200880106946 A 20080902; EP 08803525 A 20080902; EP 2008061554 W 20080902; JP 2010524454 A 20080902; US 67481908 A 20080902