

Title (en)
POLYPHENYLENE SULFIDE FIBERS AND NONWOVEN FABRIC

Title (de)
POLYPHENYLENSULFIDFASERN UND VLIESTOFF

Title (fr)
FIBRES DE POLY(SULFURE DE PHÉNYLÈNE) ET TISSU NON TISSÉ

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Application
EP 12792614 A 20120601

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Abstract (en)
Provided are a polyphenylene sulfide fiber comprising a PPS resin as a main component and having both excellent heat resistance and excellent thermal bonding properties, and a nonwoven fabric comprising the fiber. The polyphenylene sulfide fiber comprises polyphenylene sulfide as a main component and having the sum of the crystallinity and the rigid amorphous fraction of 30% to 90%. The crystallinity is preferably not less than 5% and less than 25%. The polyphenylene sulfide fiber is used to form a nonwoven fabric. The nonwoven fabric is preferably produced by consolidation by thermal bonding or mechanical entanglement.

IPC 8 full level
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CPC (source: EP KR US)
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