

Title (en)  
POLYPHENYLENE SULFIDE COMPOSITE FIBER AND NON-WOVEN FABRIC

Title (de)  
POLYPHENYLENSULFIDVERBUNDFASER UND VLIESTOFF

Title (fr)  
FIBRE COMPOSITE DE POLYSULFURE DE PHÉNYLÈNE ET ÉTOFFE NON TISSÉE

Publication  
**EP 2899303 A4 20160601 (EN)**

Application  
**EP 13839069 A 20130918**

Priority  
• JP 2012208019 A 20120921  
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• JP 2013075134 W 20130918

Abstract (en)  
[origin: EP2899303A1] Provided are a composite fiber which consists primarily of resins comprising polyphenylene sulfide as their main constituents and which has both thermal dimensional stability and excellent thermal bondability, and a nonwoven fabric. The composite fiber consists primarily of component A and component B, the component A being a resin that comprises polyphenylene sulfide as its main constituent, the component B being a resin that comprises polyphenylene sulfide as its main constituent, having a higher melt flow rate than the component A, and forming at least part of the surface of the fiber.

IPC 8 full level  
**D01F 8/16** (2006.01); **D04H 3/009** (2012.01); **D04H 3/147** (2012.01)

CPC (source: EP US)  
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Citation (search report)  
• [E] EP 2690208 A1 20140129 - TORAY INDUSTRIES [JP]  
• [A] JP H0299614 A 19900411 - TEIJIN LTD  
• [A] JP H04343712 A 19921130 - TORAY INDUSTRIES  
• [A] WO 2009076459 A1 20090618 - DU PONT [US], et al  
• See references of WO 2014046120A1

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