Title (en)

METHOD FOR LOWERING THE MELT VISCOSITY OF AN AROMATIC SULFONE POLYMER COMPOSITION, AND METHOD FOR MANUFACTURING AN AIRCRAFT COMPONENT

Title (de)

VERFAHREN ZUR VERRINGERUNG DER SCHMELZVISKOSITÄT EINER AROMATISCHEN SULFONPOLYMERZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG EINES FLUGZEUGBAUTEILS

Title (fr)

PROCEDE DE REDUCTION DE LA VISCOSITE A L'ETAT FONDU D'UNE COMPOSITION POLYMERIQUE SULFONE AROMATIQUE, ET PROCEDE DE PRODUCTION D'UN COMPOSANT D'AVION

Publication

**EP 1638840 A4 20060906 (EN)**

Application

**EP 04737306 A 20040310**

Priority

- US 2004005229 W 20040310
- US 45296003 P 20030310
- US 51740603 P 20031106

Abstract (en)

[origin: WO2004081103A2] Method for lowering the melt viscosity of an aromatic sulfone polymer composition consisting of at least one aromatic sulfone polymer and, optionally, one or more other ingredients [composition (I)], which comprises using an additive consisting of at least one fluorocarbon polymer comprising recurring units derived from at least one perfluorinated monoolefin and at least one perfluoroalkylvinylether and, optionally, one or more other ingredients [additive (A)]. Method for manufacturing an aircraft component comprising an aromatic sulfone polymer composition consisting of at least one aromatic sulfone polymer and, optionally, one or more other ingredients, which comprises applying to the aromatic sulfone polymer composition the above method for lowering its melt viscosity.

IPC 8 full level

**B64C 7/00** (2006.01); **C08F 14/18** (2006.01); **C08F 14/26** (2006.01); **C08L 79/08** (2006.01); **C08L 81/06** (2006.01)

IPC 8 main group level

**C08L** (2006.01)

CPC (source: EP)

**C08L 81/06** (2013.01)

Citation (search report)

- [A] US 4546141 A 19851008 - GEBAUER GERHARD [DE]
- See references of WO 2004081103A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004081103 A2 20040923**; **WO 2004081103 A3 20050120**; EP 1638840 A2 20060329; EP 1638840 A4 20060906; IN 3642DE2007 A 20070824; JP 2006519911 A 20060831

DOCDB simple family (application)

**US 2004005229 W 20040310**; EP 04737306 A 20040310; IN 3642DE2007 A 20050818; JP 2006508794 A 20040310