

Title (en)

THERMOSET MATERIALS OBTAINED FROM SPECIFIC PHTHALONITRILE RESINS FOR HIGH-TEMPERATURE APPLICATIONS

Title (de)

WÄRMEHÄRTENDE MATERIALIEN AUS SPEZIELLEN PHTHALONITRIL-HARZEN FÜR HOCHTEMPERATURANWENDUNGEN

Title (fr)

MATÉRIAUX THERMODURCIS ISSUS DE RÉSINES PHTALONITRILES SPÉCIFIQUES POUR APPLICATIONS À HAUTES TEMPÉRATURES

Publication

EP 4259726 A1 20231018 (FR)

Application

EP 21847993 A 20211208

Priority

- FR 2013068 A 20201211
- FR 2021052245 W 20211208

Abstract (en)

[origin: WO2022123179A1] The invention relates to a thermoset material obtained from the curing by heat treatment of a resin that can be obtained by polycondensation, in a basic medium, of at least one phthalonitrile compound bearing on its benzene ring at least one hydroxyl group.

IPC 8 full level

C08L 71/12 (2006.01); **C08G 8/20** (2006.01); **C08G 16/02** (2006.01); **C08G 65/38** (2006.01)

CPC (source: EP US)

C08G 8/20 (2013.01 - EP); **C08G 16/0231** (2013.01 - EP); **C08G 65/38** (2013.01 - EP); **C08G 73/08** (2013.01 - US); **C08K 3/04** (2013.01 - US); **C08K 7/06** (2013.01 - US); **C08L 71/12** (2013.01 - EP)

Designated contracting state (EPC)

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FR 2021052245 W 20211208; CA 3201832 A 20211208; EP 21847993 A 20211208; FR 2013068 A 20201211; JP 2023535757 A 20211208; US 202118256503 A 20211208