

Title (en)

AROMATIC POLYOL-STABILIZED RESOL RESIN

Title (de)

MIT AROMATISCHEM POLYOL STABILISIERTES RESOLHARZ

Title (fr)

RÉSINE RÉSOL STABILISÉE PAR UN POLYOL AROMATIQUE

Publication

EP 4172126 A1 20230503 (FR)

Application

EP 21745371 A 20210629

Priority

- FR 2006774 A 20200629
- FR 2021051191 W 20210629

Abstract (en)

[origin: CA3181460A1] The invention relates to a stabilized resol resin comprising water, a water-soluble amino phenol resin and a water-soluble aromatic polyol, as a solubilizer for the water-soluble amino phenol resin. The invention also relates to a diluted aqueous binder composition containing such a stabilized resol resin and additives, and to a method for producing a fibrous insulation product using such an aqueous binder composition.

IPC 8 full level

C03C 25/34 (2006.01); **C08G 8/10** (2006.01); **C08G 14/06** (2006.01); **C09J 161/34** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/64** (2012.01)

CPC (source: EP KR US)

C03C 13/06 (2013.01 - KR); **C03C 25/34** (2013.01 - EP KR); **C08G 14/06** (2013.01 - US); **C08K 5/13** (2013.01 - KR US); **C08K 5/136** (2013.01 - KR); **C08K 5/21** (2013.01 - KR); **C08L 61/04** (2013.01 - KR); **C09J 161/34** (2013.01 - EP); **D04H 1/4209** (2013.01 - EP US); **D04H 1/4218** (2013.01 - EP); **D04H 1/64** (2013.01 - EP US); **C08G 8/10** (2013.01 - EP); **C08G 14/06** (2013.01 - EP); **C08G 2330/00** (2013.01 - US)

Citation (search report)

See references of WO 2022003289A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3111900 A1 20211231; **FR 3111900 B1 20221223**; BR 112022026726 A2 20230124; CA 3181460 A1 20220106; CO 2022018901 A2 20230116; EP 4172126 A1 20230503; JP 2023532739 A 20230731; KR 20230029879 A 20230303; US 2023340180 A1 20231026; WO 2022003289 A1 20220106

DOCDB simple family (application)

FR 2006774 A 20200629; BR 112022026726 A 20210629; CA 3181460 A 20210629; CO 2022018901 A 20221226; EP 21745371 A 20210629; FR 2021051191 W 20210629; JP 2022581616 A 20210629; KR 20237002757 A 20210629; US 202118013575 A 20210629