

Title (en)
SULFONATED POLYSTYRENE NONWOVEN

Title (de)
SULFONIERTER POLYSTYROLVLIESSTOFF

Title (fr)
NON-TISSÉ DE POLYSTYRÈNE SULFONÉ

Publication
EP 4150143 A1 20230322 (EN)

Application
EP 21726819 A 20210503

Priority
• US 202063022718 P 20200511
• US 2021030406 W 20210503

Abstract (en)
[origin: WO2021231114A1] Sulfonated polystyrene fibers having an average diameter from 450 nm to 2000 nm and a capacity from 0.05 meq/g to 2.0 meq/g.

IPC 8 full level
D04H 1/728 (2012.01); **B01D 39/16** (2006.01); **C02F 1/62** (2006.01); **D04H 1/4282** (2012.01); **D04H 1/4382** (2012.01); **D04H 1/58** (2006.01)

CPC (source: EP)
B01D 39/1623 (2013.01); **C02F 1/44** (2013.01); **D04H 1/4282** (2013.01); **D04H 1/4382** (2013.01); **D04H 1/58** (2013.01); **D04H 1/728** (2013.01); **B01D 2239/025** (2013.01); **B01D 2239/0631** (2013.01); **B01D 2239/1233** (2013.01); **C02F 1/42** (2013.01); **C02F 2101/20** (2013.01)

Citation (search report)
See references of WO 2021231114A1

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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021231114 A1 20211118; CN 115702268 A 20230214; EP 4150143 A1 20230322; JP 2023526197 A 20230621; KR 20230041959 A 20230327

DOCDB simple family (application)
US 2021030406 W 20210503; CN 202180038094 A 20210503; EP 21726819 A 20210503; JP 2022568370 A 20210503; KR 20227042286 A 20210503