

Title (en)

USE OF SPECIFIC HYPERBRANCHED COPOLYMERS TO ENHANCE ANTIMICROBIAL ACTION OF ANTIMICROBIAL AGENTS

Title (de)

VERWENDUNG VON SPEZIELLEN HYPERVERZWEIGTEN COPOLYMEREN ZUR ERHÖHUNG DER ANTIMIKROBIELLEN WIRKUNG VON ANTIMIKROBIELLEN WIRKSTOFFEN

Title (fr)

UTILISATION DE COPOLYMÈRES HYPER-RAMIFIÉS SPÉCIFIQUES POUR AMÉLIORER L'ACTION ANTIMICROBIENNE D'AGENTS ANTIMICROBIENS

Publication

EP 3945820 A1 20220209 (EN)

Application

EP 20714229 A 20200331

Priority

- EP 19166539 A 20190401
- EP 2020059097 W 20200331

Abstract (en)

[origin: WO2020201271A1] The present invention relates to the use of a specific hyperbranched copolymer (HBC) of the monomers dodecenyl succinic acid anhydride, diisopropanol amine and bis-dimethylaminopropyl amine and an antimicrobial agent as a synergistic antimicrobial agent mixture. It has been found that said hyperbranched copolymer synergistically enhances the antimicrobial action of the antimicrobial agent.

IPC 8 full level

A01N 25/10 (2006.01); **A01N 31/02** (2006.01); **A01N 31/04** (2006.01); **A01N 33/12** (2006.01); **A01N 37/10** (2006.01); **A01N 37/12** (2006.01); **A01N 39/00** (2006.01); **A01P 1/00** (2006.01); **C08G 63/685** (2006.01)

CPC (source: EP)

A01N 33/12 (2013.01)

Citation (search report)

See references of WO 2020201271A1

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

DOCDB simple family (publication)

WO 2020201271 A1 20201008; EP 3945820 A1 20220209

DOCDB simple family (application)

EP 2020059097 W 20200331; EP 20714229 A 20200331