

Title (en)

AQUEOUS DISPERSIONS CONTAINING ANTIMICROBIALS IN A HYBRID NETWORK

Title (de)

WÄSSRIGE DISPERSIONEN MIT ANTIMIBROBIELLEN STOFFEN IN EINEM HYBRIDNETZ

Title (fr)

DISPERSIONS AQUEUSES CONTENANT DES ANTIMICROBIENS DANS UN RÉSEAU HYBRIDE

Publication

**EP 2477487 A2 20120725 (EN)**

Application

**EP 10749651 A 20100903**

Priority

- EP 09170306 A 20090915
- EP 2010062929 W 20100903
- EP 10749651 A 20100903

Abstract (en)

[origin: WO2011032845A2] The invention relates to a method of preparing a composition comprising (a) reacting a binder component (B) comprising at least one alkoxysilane (B2), and a polymer dispersion (PD), thus obtaining a prepolymer and subsequently (b) mixing or hydrolyzing and polycondensing said prepolymer in the presence of water and at least one antimicrobial agent (Z) comprising at least one antimicrobial active (Z1) and optionally a particulate carrier substance (Z2), wherein the at least one antimicrobial agent (Z) is unreactive during step (b).

IPC 8 full level

**A01N 25/10** (2006.01); **A01N 25/24** (2006.01); **A01N 33/12** (2006.01); **A01N 55/00** (2006.01); **C08G 77/18** (2006.01); **C08G 77/20** (2006.01); **C08G 77/26** (2006.01); **C08L 83/04** (2006.01)

CPC (source: EP KR)

**A01N 25/10** (2013.01 - EP KR); **A01N 25/24** (2013.01 - EP KR); **A01N 55/00** (2013.01 - KR); **C08G 77/18** (2013.01 - EP KR); **C08G 77/20** (2013.01 - EP KR); **C08G 77/26** (2013.01 - EP KR)

Citation (search report)

See references of WO 2011032845A2

Citation (examination)

CN 101029115 A 20070905 - UNIV HARBIN POLYTECHNIC [CN]

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011032845 A2 20110324**; **WO 2011032845 A3 20111110**; AU 2010294679 A1 20120405; AU 2010294679 B2 20140918; CN 102612317 A 20120725; CN 102612317 B 20150701; EP 2477487 A2 20120725; JP 2013504672 A 20130207; JP 2015129314 A 20150716; JP 5907872 B2 20160426; KR 20120091081 A 20120817; TW 201127296 A 20110816; TW I499377 B 20150911

DOCDB simple family (application)

**EP 2010062929 W 20100903**; AU 2010294679 A 20100903; CN 201080051703 A 20100903; EP 10749651 A 20100903; JP 2012529205 A 20100903; JP 2015082566 A 20150414; KR 20127009505 A 20100903; TW 99131057 A 20100914