

Title (en)
COMPOSITION, PREPARATION METHOD AND APPLICATION THEREOF

Title (de)
ZUSAMMENSETZUNG, HERSTELLUNGSVERFAHREN UND ANWENDUNG DAVON

Title (fr)
COMPOSITION, PROCÉDÉ DE PRÉPARATION ET APPLICATION ASSOCIÉE

Publication
EP 4058523 A1 20220921 (EN)

Application
EP 20800675 A 20201109

Priority

- CN 201911111586 A 20191113
- EP 20151335 A 20200113
- EP 2020081409 W 20201109

Abstract (en)
[origin: WO2021094228A1] The present invention relates to a composition, in particular a composition having few VOCs and weak odor, preparation and application of the composition, a two-component system comprising the composition and its application, as well as an article coated or bonded by using the composition or the two-component system. The composition comprises at least one aqueous polyurethane dispersion, at least one adsorbent, and at least one chelating agent; wherein the adsorbent is one or more of the following: a hydrophilic molecular sieve and an amphiphilic molecular sieve; the aqueous polyurethane dispersion is present in an amount of 50 wt% to 99 wt%, the adsorbent in an amount of 0.1 wt% to 3 wt %, and the chelating agent in an amount of 0.05 wt% to 1 wt%, in each case based on the amount of the composition as 100 wt%.

IPC 8 full level
C09D 175/04 (2006.01); **C08G 18/08** (2006.01); **C09D 7/40** (2018.01); **C09J 175/04** (2006.01)

CPC (source: EP)
C08G 18/0819 (2013.01); **C08G 18/706** (2013.01); **C09D 7/61** (2017.12); **C09D 7/63** (2017.12); **C09D 175/06** (2013.01); **C09J 175/06** (2013.01); **C08K 3/36** (2013.01); **C08K 5/092** (2013.01); **C08K 5/175** (2013.01); **C08K 7/22** (2013.01); **C08K 2003/321** (2013.01); **C08K 2003/324** (2013.01)

Citation (search report)
See references of WO 2021094228A1

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 2021094228 A1 20210520; CN 114829516 A 20220729; EP 4058523 A1 20220921

DOCDB simple family (application)
EP 2020081409 W 20201109; CN 202080078975 A 20201109; EP 20800675 A 20201109