

Title (en)

COMPOSITION FOR WATERTIGHT COVERINGS

Title (de)

ZUSAMMENSETZUNG FÜR WASSERDICHTER ABDECKUNGEN

Title (fr)

COMPOSITION POUR REVÊTEMENTS ÉTANCHES À L'EAU

Publication

EP 4255865 A1 20231011 (EN)

Application

EP 21816090 A 20211130

Priority

- EP 20211265 A 20201202
- EP 2021083482 W 20211130

Abstract (en)

[origin: WO2022117534A1] The present invention relates to compositions for producing watertight coverings comprising A a powdery composition A, where the powdery composition A comprises: a.1 a powdery pozzolanic material comprising a powdery natural pozzolanic material in an amount of at least 30% by weight of the total amount of the pozzolanic material, a.2 powdery non-slaked lime, and a.3 at least one powdery aggregate; and B a liquid composition B comprising an aqueous polymer dispersion made of polymerized ethylenically unsaturated monomers M or a powdery composition B comprising a polymer powder obtained from the aqueous polymer dispersion, where the polymer of the aqueous polymer dispersion has a glass transition temperature T_g of at most +15 °C as determined by the differential scanning calorimetry (DSC) method according to ISO 11357-2:2013, and e.g. in the range of -60 to +10 °C, in particular in the range of -40 to 5 °C, especially in the range of -30 to 0 °C. The invention also relates to the use of said compositions for providing watertight coverings. Moreover, the invention relates to a method for providing watertight coverings which comprises mixing the composition A, the polymer of the composition B and water and applying the liquid mixture to a surface where a water-tight covering is required.

IPC 8 full level

C04B 26/06 (2006.01); **C04B 28/10** (2006.01); **C04B 28/18** (2006.01)

CPC (source: EP)

C04B 26/06 (2013.01); **C04B 28/10** (2013.01); **C04B 28/18** (2013.01); **C04B 28/188** (2013.01); **C04B 2111/00293** (2013.01); **C04B 2111/00482** (2013.01)

Citation (search report)

See references of WO 2022117534A1

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)

WO 2022117534 A1 20220609; CN 116490479 A 20230725; EP 4255865 A1 20231011

DOCDB simple family (application)

EP 2021083482 W 20211130; CN 202180080765 A 20211130; EP 21816090 A 20211130