

Title (en)

HYDRAULIC BINDER FOR MORTAR COMPOSITION

Title (de)

HYDRAULISCHES BINDEMITELE FÜR MÖRTELZUSAMMENSETZUNG

Title (fr)

LIANT HYDRAULIQUE POUR COMPOSITION DE MORTIER

Publication

**EP 4320085 A1 20240214 (FR)**

Application

**EP 22718756 A 20220404**

Priority

- FR 2103680 A 20210409
- FR 2022050627 W 20220404

Abstract (en)

[origin: WO2022214759A1] The invention relates to a hydraulic binder for a mortar composition, comprising at least one ladle slag having a volume particle size distribution such that D50 is less than 40 µm.

IPC 8 full level

**C04B 18/14** (2006.01); **C04B 28/14** (2006.01)

CPC (source: EP US)

**C04B 18/142** (2013.01 - EP); **C04B 28/14** (2013.01 - EP); **C04B 28/16** (2013.01 - US); **C04B 2111/00482** (2013.01 - US); **C04B 2111/60** (2013.01 - US); **Y02W 30/91** (2015.05 - EP)

C-Set (source: EP)

1. **C04B 18/142 + C04B 20/008**
2. **C04B 28/14 + C04B 7/02 + C04B 7/12 + C04B 7/32 + C04B 7/323 + C04B 7/3453 + C04B 2103/0088**
3. **C04B 28/14 + C04B 7/02 + C04B 7/12 + C04B 7/32 + C04B 7/323 + C04B 7/3453 + C04B 14/20 + C04B 14/28 + C04B 18/08 + C04B 18/146**
4. **C04B 28/14 + C04B 7/02 + C04B 7/12 + C04B 7/32 + C04B 7/323 + C04B 7/3453 + C04B 24/26 + C04B 2103/0079 + C04B 2103/0088 + C04B 2103/10 + C04B 2103/20 + C04B 2103/304 + C04B 2103/40 + C04B 2103/40 + C04B 2103/44 + C04B 2103/46 + C04B 2103/54 + C04B 2103/67**

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 2022214759 A1 20221013**; BR 112023019297 A2 20231031; CA 3212444 A1 20221013; CL 2023003007 A1 20240401; CN 117120393 A 20231124; EP 4320085 A1 20240214; FR 3121676 A1 20221014; FR 3121676 B1 20230630; MX 2023011866 A 20231110; US 2024190772 A1 20240613

DOCDB simple family (application)

**FR 2022050627 W 20220404**; BR 112023019297 A 20220404; CA 3212444 A 20220404; CL 2023003007 A 20231006; CN 202280027166 A 20220404; EP 22718756 A 20220404; FR 2103680 A 20210409; MX 2023011866 A 20220404; US 202218553815 A 20220404