

Title (en)
ARTIFICIAL MINERAL WOOL COMPOSITION

Title (de)
MINERALEWOLLE ZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE LAINE MINERALE ARTIFICIELLE

Publication
EP 0891309 A1 19990120 (FR)

Application
EP 98902070 A 19980113

Priority
• FR 9800055 W 19980113
• FR 9700259 A 19970114

Abstract (en)
[origin: FR2758322A1] The invention concerns a mineral wool composition capable of dissolving in a physiological medium comprising the constituents listed below in the following weight proportions: CaO + MgO + BaO + Na₂O + K₂O + B₂O₃ - 2 x Al₂O₃ > 30 %, RO 13.5 to 19.5 %, R₂O 14.2 to 23 %, RO/R₂O 0.70 to 0.95 %, CaO/MgO > 1.5 %, SiO₂ 47 to 58.5 %, Al₂O₃ 0 to 3.5 %, B₂O₃ 5 to 10 %, Fe₂O₃ (total iron) 0 to 3 %, with RO: the oxides of elements of column 2a of the periodic table, including CaO, MgO, BaO and SrO, R₂O: the oxides of column 1a of the periodic table, including Na₂O, K₂O, Li₂O.

IPC 1-7
C03C 13/06

IPC 8 full level
A01G 31/00 (2006.01); **A01G 1/00** (2006.01); **C03C 13/00** (2006.01); **C03C 13/06** (2006.01)

CPC (source: EP KR US)
A01G 24/18 (2018.02 - EP US); **C03C 13/00** (2013.01 - EP US); **C03C 13/06** (2013.01 - EP KR US); **C03C 2213/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6060413 A 20000509; AU 5870898 A 19980803; AU 741801 B2 20011213; BR 9804763 A 19990817; CA 2248941 A1 19980716; CZ 293198 A3 19990113; EP 0891309 A1 19990120; FR 2758322 A1 19980717; FR 2758322 B1 19990212; HU P9901803 A2 19990928; HU P9901803 A3 20000628; JP 2000507199 A 20000613; KR 20000064588 A 20001106; NO 984131 D0 19980908; NO 984131 L 19980908; PL 328667 A1 19990215; TR 199801821 T1 19990322; WO 9830509 A1 19980716

DOCDB simple family (application)
US 81417697 A 19970307; AU 5870898 A 19980113; BR 9804763 A 19980113; CA 2248941 A 19980113; CZ 293198 A 19980113; EP 98902070 A 19980113; FR 9700259 A 19970114; FR 9800055 W 19980113; HU P9901803 A 19980113; JP 53061098 A 19980113; KR 19980707242 A 19980914; NO 984131 A 19980908; PL 32866798 A 19980113; TR 9801821 T 19980113