

Title (en)
SEALING PASTE

Title (de)
DICHTUNGSPASTE

Title (fr)
PÂTE D'ÉTANCHÉITÉ

Publication
EP 2379667 A1 20111026 (DE)

Application
EP 09756518 A 20091125

Priority
• EP 2009065792 W 20091125
• EP 08171950 A 20081217
• EP 09756518 A 20091125

Abstract (en)
[origin: WO2010076097A1] The invention relates to mixtures, preferably sealing pastes, more preferably shield tail sealing pastes, and to the use of the mixtures according to the invention for sealing construction elements and/or construction machines, in particular for the preferably temporary sealing of the transition between the shield tail of a tunnel boring machine and the pipe liner or tubing lining of the tunnel safeguard. The mixtures comprise layered silicate, preferably bentonite or talc; an alcohol having 1-5 hydroxyl groups, preferably glycol; an alkaline salt or ammonium salt, preferably a carboxylate; and water.

IPC 8 full level
C09K 3/10 (2006.01); **E21D 11/00** (2006.01)

CPC (source: EP US)
C04B 28/001 (2013.01 - EP US); **C04B 40/0039** (2013.01 - EP US); **C04B 2111/00155** (2013.01 - EP US); **C04B 2111/00724** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US)

Citation (search report)
See references of WO 2010076097A1

Designated contracting state (EPC)
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 2010076097 A1 20100708; AR 074789 A1 20110209; AU 2009335191 A1 20110707; CA 2747086 A1 20100708; CL 2011001369 A1 20110902; CN 102257090 A 20111123; EP 2379667 A1 20111026; JP 2012512294 A 20120531; PE 20120391 A1 20120513; TW 201030132 A 20100816; US 2012037042 A1 20120216

DOCDB simple family (application)
EP 2009065792 W 20091125; AR P090104965 A 20091217; AU 2009335191 A 20091125; CA 2747086 A 20091125; CL 2011001369 A 20110607; CN 200980151390 A 20091125; EP 09756518 A 20091125; JP 2011541279 A 20091125; PE 2011001177 A 20091125; TW 98139968 A 20091124; US 200913139795 A 20091125