

Title (en)  
Shield tail sealing paste

Title (de)  
Schildschwanzdichtungspaste

Title (fr)  
Garniture d'étanchéité pour queues de boucliers

Publication  
**EP 1795700 A1 20070613 (DE)**

Application  
**EP 06024492 A 20061127**

Priority  
DE 102005056463 A 20051126

Abstract (en)  
Sealing paste is in the form of a mineral fiber matrix and consists of a layer material, water, fillers, compounds and a plant oil. Preferred Features: The base materials in the matrix are present in a mixing ration of 5-22 wt.% layer material, 50-80 wt.% water, 0-10 wt.% plant oil, 5-48 wt.% fillers and 0-18 wt.% compounds. The layer material is bentonite. The fillers are selected from natural fiber products, preferably natural cellulose with a toothed surface and a fiber length of 0-15 mm, preferably 2 mm. Carboxymethylcellulose and/or starches are bound in the compounds as stabilizers.

IPC 8 full level  
**E21D 9/06** (2006.01)

CPC (source: EP)  
**E21D 11/105** (2013.01)

Citation (search report)  
• [X] EP 0846842 A1 19980610 - WOLFF WALSRÖDE AG [DE]  
• [X] EP 0607053 A1 19940720 - UNIV OXFORD BROOKES [GB]  
• [X] JP S5933381 A 19840223 - DAI ICHI KOGYO SEIYAKU CO LTD  
• [A] EP 0735237 A1 19961002 - NISSAN CHEMICAL IND LTD [JP], et al

Cited by  
CN113956913A; CN107218050A; CN109060545A; JP2016098521A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

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