

Title (en)

Improved bonding of the overlapping areas of needle punched bentonite sealing liners.

Title (de)

Verbesserter Verbund im Überlappungsbereich von vernadelten Bentonit-Dichtungsmatten.

Title (fr)

Raccordement amélioré des zones de recouvrement mutuel de feuilles d'étanchéité cousues contenant de la bentonite.

Publication

EP 0522546 B1 19950503 (DE)

Application

EP 92111625 A 19920709

Priority

DE 4122992 A 19910711

Abstract (en)

[origin: EP0522546A1] Water-impermeable and/or oil-impermeable bentonite sealing liners, which after laying provide a watertight and non-positive bond in the overlapping region (5, 5'), are provided. This is achieved by filling the pore space in the overlapping non-woven fabric layers (1, 2, 1', 2') with bentonite and subsequently needle-punching the overlapping region (5, 5') in situ or by means of bentonite-filled bitumen or plastics systems and subsequent adhesion bonding or welding of the overlapping regions. The overlapping non-woven fabric regions can also be fused together to form "films" and these regions then adhesion-bonded or welded. <IMAGE>

IPC 1-7

E02D 31/00

IPC 8 full level

E02D 31/00 (2006.01); **E04D 5/14** (2006.01)

CPC (source: EP US)

E02D 31/00 (2013.01 - EP US); **E04D 5/142** (2013.01 - EP US); **E04D 5/148** (2013.01 - EP US); **E04D 5/149** (2013.01 - EP US); **Y10T 428/24777** (2015.01 - EP US)

Cited by

EP1026337A1; EP0732455A1; BE1009209A3; US5620778A; EP3211140A1

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DOCDB simple family (publication)

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