

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)

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Cited by

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