

Title (en)

DEVICE FOR PLACING A SEALING-MEMBRANE IN A SLOT IN THE EARTH FILLED WITH SUSPENSION

Publication

**EP 0391127 B1 19921119 (DE)**

Application

**EP 90105259 A 19900320**

Priority

DE 3911043 A 19890405

Abstract (en)

[origin: EP0391127A1] The device consists of guide rails (13, 14) inserted in pairs into a suspension-filled slot (10) in the earth. The ends of a sealing membrane (12) are guided on the guide rails (13, 14) during the lowering. The two rails (13, 14) are mounted on the guiding wall (40) of the slot (10) in the earth by self-aligning bearings (38, 39) so that they can be aligned exactly vertically and parallel to one another on account of their dead weight. In addition, both guide rails (13, 14) are provided with sliding rails (27, 28). The membrane sheet (12a, 12b) to be lowered is fastened to a weighted horizontal spacer (31) which is guided laterally in the sliding rails (27, 28) via carriages (29, 30). In this way, canting of the membrane sheet (12a, 12b) in the guide rails (13, 14) is avoided during lowering, the spacer (31) ensuring the parallelism and alignment of the guide rails (13, 14). <IMAGE>

IPC 1-7

**E02B 3/16; E02D 19/18**

IPC 8 full level

**E02B 3/16** (2006.01); **E02D 19/18** (2006.01)

CPC (source: EP)

**E02D 19/18** (2013.01)

Cited by

US7492280B2

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

**EP 0391127 A1 19901010; EP 0391127 B1 19921119**; AT E82606 T1 19921215; DE 3911043 A1 19901011; DE 3911043 C2 19920423; DE 59000475 D1 19921224

DOCDB simple family (application)

**EP 90105259 A 19900320**; AT 90105259 T 19900320; DE 3911043 A 19890405; DE 59000475 T 19900320