

Title (en)

Prefabricated concrete manhole element with a plastic liner

Title (de)

Betonfertigteil-Schacht mit einer Kunststoff-Auskleidung

Title (fr)

Regard de chaussée préfabriquée en béton avec un revêtement en plastique

Publication

EP 0821111 A2 19980128 (DE)

Application

EP 97112581 A 19970723

Priority

- DE 29612834 U 19960724
- DE 29704338 U 19970311

Abstract (en)

The ready-made concrete shaft has a double-walled sealed pipe (4) in at least one wall opening. The pipe has a concrete outer and a plastics inner liner, the end of which is held inside the shaft opening. The inner liner is exposed over a sealing section and the concrete outer pipe projects into the shaft wall opening by a shorter distance than the exposed section. This opening has a plastics sleeve which converges from the outside to the shaft inside in at least three steps, forming a compatible socket with a shoulder for the pipe end. At least one sealing ring fits between the sleeve and the pipe. The shaft has a plastics inner liner (2).

Abstract (de)

Damit ein Betonfertigteil-Schacht dicht gegenüber Grundwasser ist und sich das Doppelwandrohr sicher in die Schachttöffnung schieben läßt, kleidet der Kunststoff-Schacht-Inliner (2) das Schachtinnere (23) bis wenigstens zum äußeren Betonmantel (18) und die Kunststoffmanschette (3) die Schachtwandöffnung (12) vom Kunststoff-Inliner (2) ebenfalls bis wenigstens zum äußeren Betonmantel (18) aus. Die Sichtstrecke (A) ist länger als die Einsteckstrecke (B). <IMAGE>

IPC 1-7

E03F 5/02; **E03F 3/04**; **E02D 29/12**

IPC 8 full level

E02D 29/12 (2006.01); **E03F 3/04** (2006.01); **E03F 5/02** (2006.01)

CPC (source: EP)

E02D 29/12 (2013.01); **E02D 29/124** (2013.01); **E02D 29/125** (2013.01); **E02D 29/149** (2013.01); **E03F 5/02** (2013.01); **E03F 5/021** (2013.01); **E03F 5/025** (2013.01)

Cited by

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EP 0821111 A2 19980128; **EP 0821111 A3 19980708**; **EP 0821111 B1 20000913**; AT E196337 T1 20000915; CZ 235297 A3 19980218; CZ 293312 B6 20040317

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