

Title (en)

INJECTION BORE ANCHOR WITH CONVEYOR SCREW.

Title (de)

INJEKTIONSBOHRANKER MIT TRANSPORTSCHNECKE.

Title (fr)

SYSTEME D'ANCRAGE POUR FORAGE D'INJECTION AVEC VIS TRANSPORTEUSE.

Publication

**EP 0524226 B1 19940803 (DE)**

Application

**EP 91907453 A 19910410**

Priority

- DE 9004176 U 19900411
- EP 9100691 W 19910410

Abstract (en)

[origin: WO9115656A1] An injection bore anchor for securing sections and spaces by injection, for example of plastic, in particular in mining and tunnel construction, consists essentially of an anchor tube composed of at least two sections which can be connected to each other by muffs. The anchor tube has at least one injection port in the region of the tip of the anchor and a detachable connection element at the end projecting from the borehole. To introduce this injection bore anchor without using a flushing medium such as air or water, a screw conveyor (7) is welded onto at least one section (2) and one section (3) has a swelling packer (8) and a nonreturn valve (17).

IPC 1-7

**E21D 21/00**; **E21D 20/02**

IPC 8 full level

**E02D 5/76** (2006.01); **E21D 9/00** (2006.01); **E21D 20/02** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)

**E02D 5/76** (2013.01); **E21D 9/001** (2013.01); **E21D 21/0046** (2013.01); **E21D 21/0053** (2016.01); **E21D 21/0073** (2016.01)

Cited by

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DE FR GB

DOCDB simple family (publication)

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