Title (en)

Process for driving on a tunnel and shield tunneling machine for carrying out the same.

Title (de)

Verfahren zum Tunnelvortrieb sowie Schildvortriebsmaschine zur Durchführung dieses Verfahrens.

Title (fr)

Procédé pour l'avancement d'un tunnel et perceuse à bouclier pour mettre en oeuvre ce procédé.

Publication

EP 0299952 B1 19941005 (DE)

Application

EP 88890187 A 19880715

Priority

AT 181587 A 19870717

Abstract (en)

[origin: EP0299952A1] In a process for driving a tunnel with a shield tunnelling machine, in which the excavation space is sealed off from the shield structure (1) and is put under higher pressure relative to the space inside the shield structure (1), the pressure in the excavation space is transmitted directly to the material in the excavation space via a displaceable and pivotable sealing pressure bell (4), the pressure bell (4) being pressed against the material in the excavation space by means of an adjustable and controllable drive. <IMAGE>

IPC 1-7

E21D 9/08

IPC 8 full level

E21D 9/08 (2006.01); E21D 9/087 (2006.01)

CPC (source: EP)

E21D 9/0879 (2016.01)

Cited by

FR2783889A1; DE3929393C1; GB2236340A; CN113236270A

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0299952 A1 19890118; EP 0299952 B1 19941005; AT A181587 A 19950415; AT E112607 T1 19941015; DE 3851728 D1 19941110

DOCDB simple family (application)

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