

Title (en)

METHOD AND DEVICE FOR CUTTING AND LINING TUNNELS, SHAFTS OR THE LIKE

Publication

**EP 0339333 B1 19920304 (DE)**

Application

**EP 89106157 A 19890407**

Priority

DE 3813907 A 19880425

Abstract (en)

[origin: EP0339333A1] In the method or the device for cutting and lining tunnels, shafts or the like of elongated structures, the driving is effected by means of a shield or cutter driving device. Here, the shield tail or the cutter tails (24) at the same time serve as outer formwork for the cast-in-situ lining, i.e. for producing concrete sections (28, 30, 32). In order to prevent the hollow space between the cast-in-situ lining (26) and the soil (12) from being incompletely filled after driving of the cutters, the tail of the shield or cutter driving device is divided into individual parallel strips (24) arranged at a distance from one another and supporting the soil (12), so that the spaces between the strips in the form of ribs are filled with concrete when the cast-in-situ lining (26) is being concreted. After the driving of the shield or the cutters, the spaces between the ribs are filled with concrete. <IMAGE>

IPC 1-7

**E21D 9/06**

IPC 8 full level

**E21D 9/06** (2006.01)

CPC (source: EP)

**E21D 9/0692** (2013.01)

Citation (examination)

DE 2558670 B2 19801106

Cited by

WO9302276A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0339333 A1 19891102; EP 0339333 B1 19920304**; AT E73202 T1 19920315; DE 3813907 A1 19891102; DE 3813907 C2 19910919; DE 58900890 D1 19920409; ES 2029540 T3 19920816

DOCDB simple family (application)

**EP 89106157 A 19890407**; AT 89106157 T 19890407; DE 3813907 A 19880425; DE 58900890 T 19890407; ES 89106157 T 19890407