

Title (en)
SHIELD DRIVING DEVICE

Title (de)
SCHILDVORTRIEBSVORRICHTUNG

Title (fr)
INSTALLATION DE CREUSEMENT PAR BOUCLIER

Publication
EP 2758633 A2 20140730 (DE)

Application
EP 12777841 A 20120907

Priority
• AT 13542011 A 20110920
• AT 2012000230 W 20120907

Abstract (en)
[origin: WO2013040613A2] Shield driving device (100) for creating a tunnel (5) by the cut-and-cover method, in an excavation pit (20), comprising:
- a shield (101), the shield (101) comprising a lower part (110) facing a bottom of the construction pit (20), two side parts (111) facing the two side walls of the construction pit (20), and a front part (112) facing a working face (22) of the construction pit (20), - a driving device (102) with a drive unit - especially a hydraulic drive unit - for driving the shield driving device (100), wherein the driving device (102) is braced against a bracing device (120) on a tunnel segment (50) installed in the excavation pit (20) at the front side (52) of the tunnel segment, wherein an additional bracing device (1) is provided that braces the shield driving device (100) on the installed tunnel segment (50) not on the front side (52) thereof.

IPC 8 full level
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