

Title (en)

Apparatus and method for constructing a reinforced concrete shuttering in a tunnel

Title (de)

Vorrichtung und Verfahren zur Herstellung einer bewehrten Betoninnenschale eines Tunnels

Title (fr)

Appareil et procédé pour la réalisation d'un coffrage intérieur en béton armé dans un tunnel

Publication

EP 1277916 B1 20060927 (DE)

Application

EP 02014686 A 20020703

Priority

DE 10135748 A 20010721

Abstract (en)

[origin: EP1277916A1] The tunnel lining formation device has a concrete reinforcement assembly carriage (1), for pre-assembly of the concrete reinforcement (2) and a height adjustable shuttering carriage (4), for positioning of shuttering elements (14), with a height-adjustable concrete reinforcement positioning carriage (3) between them. The positioning carriage receives the pre-assembled concrete reinforcement from the assembly carriage and positions it in the required position via sliding reinforcement supports (12) moved along guide rails (11) at either side of the positioning carriage. An independent claim for a method for formation of a reinforced concrete tunnel lining is also included.

IPC 8 full level

E21D 11/10 (2006.01); **E21D 11/08** (2006.01); **E21D 11/40** (2006.01)

CPC (source: EP)

E21D 11/102 (2013.01)

Cited by

CN113738397A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1277916 A1 20030122; **EP 1277916 B1 20060927**; AT E340918 T1 20061015; DE 10135748 C1 20020822; DE 50208236 D1 20061109

DOCDB simple family (application)

EP 02014686 A 20020703; AT 02014686 T 20020703; DE 10135748 A 20010721; DE 50208236 T 20020703