

Title (en)
Tunnel lining

Title (de)
Tunnelauskleidung

Title (fr)
Revêtement de tunnel

Publication
EP 0794318 B1 20020529 (DE)

Application
EP 97101838 A 19970206

Priority
DE 19608264 A 19960304

Abstract (en)
[origin: EP0794318A1] The rings are built up from successive reinforced-concrete segments in the peripheral direction. Each ring (2) contains one or more peripheral undercut recesses (3), which are filled with concrete on site to increase the strength. Each ring can have one undercut near its inner edge, the recesses in adjacent rings being combined to form a single undercut one. The recesses can be of dovetail section, and adjacent rings can be screwed together via profiled sheet-metal components inserted in the recesses before filling with concrete. The concrete used for filling can be reinforced.

IPC 1-7
E21D 11/08; **E21D 11/10**

IPC 8 full level
E21D 11/08 (2006.01); **E21D 11/10** (2006.01)

CPC (source: EP)
E21D 11/08 (2013.01); **E21D 11/105** (2013.01)

Cited by
CN111335916A; WO2005024183A1

Designated contracting state (EPC)
AT FR NL

DOCDB simple family (publication)
EP 0794318 A1 19970910; **EP 0794318 B1 20020529**; AT E218182 T1 20020615; DE 19608264 C1 19970507; JP H09317394 A 19971209; SG 79935 A1 20010417

DOCDB simple family (application)
EP 97101838 A 19970206; AT 97101838 T 19970206; DE 19608264 A 19960304; JP 4080197 A 19970225; SG 1997000478 A 19970225