

Title (en)

Pervious tunnel liner member.

Title (de)

Wasserdurchlässiges Ausbauelement für Tunnels.

Title (fr)

Panneau de coffrage perméable pour des tunnels.

Publication

**EP 0089772 A1 19830928 (EN)**

Application

**EP 83301222 A 19830307**

Priority

CA 397856 A 19820308

Abstract (en)

Prefabricated liner plate (10) for lining the interior of a subterranean tunnel as a primary lining. The liner plate is formed in such a manner that the outer arcuate face (14) has a depression (12) formed therein so that a filter (16) placed in said depression permits water flow therethrough, but prevents the passage of surrounding soil particles therethrough. Suitable conduit means allows any water which may pass through the filter to be bled through the liner plate and led out of the tunnel.

IPC 1-7

**E21D 11/00**

IPC 8 full level

**E21D 11/00** (2006.01); **E21D 11/08** (2006.01)

CPC (source: EP)

**E21D 11/00** (2013.01); **E21D 11/08** (2013.01)

Citation (search report)

- [Y] DE 2207188 B2 19750403
- [Y] DE 2324097 B2 19771208
- [Y] DE 2339315 A1 19750213 - GRUEN & BILFINGER AG, et al
- [Y] DE 2343866 A1 19750403 - DENNERT KG VEIT, et al
- [Y] CH 565937 A5 19750829 - SARNEN KUNSTSTOFF AG
- [Y] FR 2479304 A1 19811002 - REALISA TRAVAUX PUBLICS ET [FR]
- [Y] US 4309855 A 19820112 - PATE HAROLD T, et al

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0089772 A1 19830928**; CA 1188526 A 19850611

DOCDB simple family (application)

**EP 83301222 A 19830307**; CA 397856 A 19820308