

Title (en)  
PROCESS AND DEVICE FOR ADVANCING A SLIDABLE SHUTTERING

Publication  
**EP 0052292 B1 19840321 (DE)**

Application  
**EP 81109414 A 19811030**

Priority  
DE 3043312 A 19801117

Abstract (en)  
[origin: ES8304258A1] A method and apparatus for forming continuous concrete walls in tunnels or galleries is provided. More particularly, the invention relates to a form that is slidable through the gallery or tunnel. The form is an elongated supported tubular structure generally conforming to the shape of the gallery or tunnel. The outermost surface of the form is spaced from the wall of the gallery or tunnel a sufficient distance to enable an appropriate amount of concrete to be poured or pressed therein. The form is adapted to have the concrete pumped into the annular spaced provided for it, and to have the force of the concrete against the leading edge of the form cause the form to slidably advance through the gallery or tunnel.

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

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

CPC (source: EP US)  
**E21D 11/102** (2013.01 - EP US)

Cited by  
GB2291099A; GB2204377B; FR2614333A1; FR2560282A1; CN106917627A; FR2547350A1; CN102735581A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0052292 A1 19820526; EP 0052292 B1 19840321**; AT E6803 T1 19840415; CA 1182654 A 19850219; DE 3043312 A1 19820708; DE 3043312 C2 19861009; DE 3162826 D1 19840426; ES 507137 A0 19830216; ES 8304258 A1 19830216; JP S57112599 A 19820713; JP S6257797 B2 19871202; PT 74002 A 19811201; PT 74002 B 19830701; US 4437788 A 19840320

DOCDB simple family (application)  
**EP 81109414 A 19811030**; AT 81109414 T 19811030; CA 390212 A 19811117; DE 3043312 A 19801117; DE 3162826 T 19811030; ES 507137 A 19811113; JP 18360981 A 19811116; PT 7400281 A 19811117; US 32148781 A 19811116