

Title (en)  
CONSTRUCTION PLATES

Title (de)  
BAUPLATTEN

Title (fr)  
PLAQUES DE CONSTRUCTION

Publication  
**EP 2924188 A1 20150930 (EN)**

Application  
**EP 12887903 A 20121112**

Priority  
ES 2012070786 W 20121112

Abstract (en)  
A set of construction plates (11) installed on the surface (13) of the free internal section of a tunnel (12). The construction plate (11) displays the shape of an undulated plate. The construction plate (11) with undulations is transversally and longitudinally overlappable with other adjacent construction plates (11) in order to fully or partially cover in a transversal and longitudinal manner the internal surface (13) of the tunnel (12), waterproofing said internal surface (13) of the tunnel (12).

IPC 8 full level  
**E04C 2/32** (2006.01); **E02D 31/02** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)  
**E02D 31/02** (2013.01); **E04C 2/322** (2013.01); **E21D 11/38** (2013.01); **E21F 16/02** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2924188 A1 20150930**; **EP 2924188 A4 20160713**; **EP 2924188 B1 20230719**; **EP 2924188 C0 20230719**; AU 2012394181 A1 20150702; AU 2012394181 B2 20170720; ES 2538034 A1 20150616; ES 2538034 B1 20160513; ES 2959117 T3 20240228; MX 2015005952 A 20150805; PL 2924188 T3 20240129; WO 2014072543 A1 20140515

DOCDB simple family (application)  
**EP 12887903 A 20121112**; AU 2012394181 A 20121112; ES 12887903 T 20121112; ES 2012070786 W 20121112; ES 201490137 A 20121112; MX 2015005952 A 20121112; PL 12887903 T 20121112