

Title (en)

SEALING PROFILE FOR TUBULAR TUNNEL SEGMENTS, IN PARTICULAR FOR ELEMENTS FLOATED INTO POSITION

Title (de)

DICHTUNGSPROFIL FÜR TUNNELROHRSEGMENTE, INSBESONDERE FÜR EINSCHWIMMELEMENTE

Title (fr)

JOINT PROFILE D'ETANCHEITE POUR SEGMENTS TUBULAIRES DE TUNNELS, NOTAMMENT POUR ELEMENTS MIS EN PLACE PAR FLOTTAISON

Publication

EP 0629262 B1 19980930 (DE)

Application

EP 94903733 A 19940107

Priority

- DE 9400010 W 19940107
- DE 4300786 A 19930114

Abstract (en)

[origin: US6238139B1] A sealing arrangement includes face walls of two construction parts made of concrete, reinforced concrete or the like, these face walls being pressed against each other, particularly of tunnel tube segments, as well as a strand shaped seal made of elastomeric material for sealing the gap between the construction parts or tunnel tube segments, whereby the seal has a base part which, in relation to the sealing part, is widened on both sides, forming flanges, and which, by means of these flanges and suitable additional anchoring parts, is fastened on one of the two face walls of the construction parts or tunnel tube segments, whereas the sealing part, the latter being joined with the base part in one piece, has a trapezoidal shape, viewed cross-sectionally, and, in relation to the base part, a decreasing width, with lateral flanks tapering off at the same time, and seals the gap when the construction parts or tunnel tube segments are pressed together. In addition, there are at least two, particularly at least three ducts extending in the form of strands.

IPC 1-7

E21D 11/38

IPC 8 full level

E21D 11/38 (2006.01)

CPC (source: EP US)

E21D 11/385 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 6238139 B1 20010529; AT E171758 T1 19981015; DE 4400292 A1 19940721; DE 59406995 D1 19981105; EP 0629262 A1 19941221; EP 0629262 B1 19980930; ES 2123755 T3 19990116; JP 3213323 B2 20011002; JP H07504728 A 19950525; WO 9416197 A1 19940721

DOCDB simple family (application)

US 82365497 A 19970307; AT 94903733 T 19940107; DE 4400292 A 19940107; DE 59406995 T 19940107; DE 9400010 W 19940107; EP 94903733 A 19940107; ES 94903733 T 19940107; JP 51558394 A 19940107