

Title (en)
ACTIVATABLE SEALING, IN PARTICULAR A SEALING FOR TUBBINGS

Publication
EP 0340659 B1 19920805 (DE)

Application
EP 89107748 A 19890428

Priority
DE 3815142 A 19880504

Abstract (en)
[origin: EP0340659A1] The invention relates to a sealing for construction elements, in particular tubbings, which are assembled to form a tubular tunnel, each element having at least one encircling elastomeric sealing frame which is generally composed of four profiled strips and is usually located in a corresponding recess of the construction element, the profiled strips of two adjoining construction elements being arranged relative to one another in such a way that the grooves located on the base side of the profiled strips come to lie in mirror symmetry relative to one another in the unloaded and aligned state. The essential feature of this sealing consists in the fact that the back (12, 13) of the profiled strips (6, 7), in the fitted state, do not project or do not project substantially beyond the recess (4, 5) of the construction element, and that at least one of the opposite profiled strips can be activated by means of an injectable medium increasing the total volume, the hollow space (10, 11) available to begin with for this medium being small compared with the total volume of the profiled strip in the non-activated state. <IMAGE>

IPC 1-7
E21D 11/38

IPC 8 full level
E21D 11/38 (2006.01)

CPC (source: EP)
E21D 11/385 (2013.01); **E21D 11/386** (2016.01)

Cited by
US5888023A; US5074711A; US5489164A; EP1079064A3; EP1362981A1; US2023250630A1; WO0190626A1

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

DOCDB simple family (publication)
EP 0340659 A1 19891108; EP 0340659 B1 19920805; AT E79156 T1 19920815; DE 3815142 A1 19891116; DE 58901968 D1 19920910; ES 2035415 T3 19930416; GR 3006122 T3 19930621

DOCDB simple family (application)
EP 89107748 A 19890428; AT 89107748 T 19890428; DE 3815142 A 19880504; DE 58901968 T 19890428; ES 89107748 T 19890428; GR 920402449 T 19921030