

Title (en)  
SEALING DEVICE

Title (de)  
DICHTANORDNUNG

Title (fr)  
DISPOSITIF D'ETANCHEITE

Publication  
**EP 1095206 A1 20010502 (DE)**

Application  
**EP 99960686 A 19990624**

Priority  
• DE 9902132 W 19990624  
• DE 19830376 A 19980708

Abstract (en)  
[origin: DE19928877A1] A seal for the butting edges of concrete tunnel segments, or similar structures, has double profile grooves (4) in each edge. Each groove has two grooves (4',4) separated by a central ridge (6) whose flat top is recessed w.r.t. the outer edges (5) of the groove. A shaped elastomer seal (10) is clipped into one groove and sits proud of that groove. The seal presents a flat top which is pressed onto the flat top of the central ridge of the groove in the butting segment to form a secure seal over a wide fitting tolerance.

IPC 1-7  
**E21D 11/38**

IPC 8 full level  
**E21D 11/38** (2006.01)

CPC (source: EP US)  
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DOCDB simple family (publication)  
**US 6434904 B1 20020820**; AT E248288 T1 20030915; AU 5966599 A 20000201; CN 1095923 C 20021211; CN 1297508 A 20010530; DE 19928877 A1 20000113; DE 59906784 D1 20031002; EP 1095206 A1 20010502; EP 1095206 B1 20030827; HK 1034555 A1 20011026; HU P0102384 A2 20011028; HU P0102384 A3 20020128; JP 2002520520 A 20020709; WO 0003121 A1 20000120

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