

Title (en)

Stopper rod having an erosion-resistant sleeve

Title (de)

Stopfenstange mit verschlissfester Hülse

Title (fr)

Quenouille comportant une manchette résistant à l'érosion

Publication

**EP 0508246 B1 19971008 (FR)**

Application

**EP 92105388 A 19920328**

Priority

FR 9104403 A 19910409

Abstract (en)

[origin: EP0508246A1] Erosion-resistant plunger comprising an elongate body (1) made from a first material, and a sleeve (4, 7) made from a second material having high erosion-resistance characteristics. This material is chosen from the group comprising zirconia, magnesia, graphitised zirconia and graphitised magnesia. <IMAGE>

IPC 1-7

**B22D 41/18**

IPC 8 full level

**B22D 11/10** (2006.01); **B22D 41/18** (2006.01); **C04B 35/46** (2006.01)

CPC (source: EP US)

**B22D 41/18** (2013.01 - EP US)

Citation (examination)

JP H01130857 A 19890523 - NIPPON KOKAN KK

Cited by

FR2728491A1; CN106513652A; CN111470851A; WO9928066A1

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**EP 0508246 A1 19921014; EP 0508246 B1 19971008**; DE 69222557 D1 19971113; DE 69222557 T2 19980305; ES 2109287 T3 19980116; FR 2675064 A1 19921016; FR 2675064 B1 19950602; JP H05146867 A 19930615; US 5259596 A 19931109

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