

Title (en)
Transverse load core rod bedding

Title (de)
Querkraftdornlager

Title (fr)
Lit support pour mandrin à charge transversale

Publication
EP 0716192 A3 19970507 (DE)

Application
EP 95810723 A 19951117

Priority
CH 375594 A 19941212

Abstract (en)
[origin: EP0716192A2] A transverse force pin sleeve (3) held in the pin bearing (1) is welded with a stable position on a centre axis of a pressure distribution plate (4) which is mounted on a vibration-absorbing or vibration-blocking plastics plate (6) set in a similar position at least in the unstressed state. The plastics plate is positioned centrally on a base of a bearing housing (10). The remaining side spaces between the housing walls (12) are lined at the sides and top with second plastics plates (20) having a lower Shore hardness. The free space round the pin sleeve is filled with a filling material (21).

IPC 1-7
E04B 1/48; **E01C 11/14**

IPC 8 full level
E01C 11/14 (2006.01); **E04B 1/48** (2006.01); **E04B 1/82** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)
E01C 11/14 (2013.01); **E04B 1/483** (2013.01); **E04B 1/84** (2013.01); **E04B 2001/8254** (2013.01)

Citation (search report)

- [XA] EP 0545854 A1 19930609 - ERB TONI H [CH]
- [A] DE 8901117 U1 19890323
- [A] EP 0032105 A1 19810715 - ASCHWANDEN ULISSE C
- [E] EP 0697489 A1 19960221 - SCHOECK BAUTEILE GMBH [DE]
- [A] EP 0328484 A1 19890816 - EGCO AG [CH]
- [A] FR 2548233 A1 19850104 - FREYSSINET INT STUP [FR]

Cited by
DE102018125785A1; NO337777B1; DE10026289A1; DE10026289C2; EP1158114A3; EP1158114A2; US9828762B2; EP3640406B1

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