

Title (en)

PLUG GRIP FOR FITTING EXPANSION PLUGS COMPRISING TWO ARTICULATED ARMS

Publication

**EP 0159255 B1 19871119 (FR)**

Application

**EP 85400614 A 19850328**

Priority

FR 8404927 A 19840329

Abstract (en)

[origin: US4625538A] The plug grip comprises a first and a second arms pivotally mounted together, with the first arm leading to a bearing shoe member and the second arm causing a raise of a screw of an expansion plug. The second arm comprises two successive bearing points, a first bearing point providing a great lever arm ratio for causing a start of bending of the expansion plug and a second bearing point providing a smaller lever arms ratio for increasing a distortion stroke of the expansion plug.

IPC 1-7

**B21J 15/04; B25B 27/00; B25B 7/10**

IPC 8 full level

**B21J 15/04** (2006.01); **B25B 7/10** (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP US)

**B21J 15/043** (2013.01 - EP US); **B21J 15/386** (2013.01 - EP US); **B25B 27/0007** (2013.01 - EP US)

Cited by

FR2924969A1; EP0494747A1; EP0922536A1; US6029332A; FR2801527A1; EP1106306A1; US6223409B1; US6474129B1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0159255 A1 19851023; EP 0159255 B1 19871119**; AT E30862 T1 19871215; DE 3560986 D1 19871223; FR 2561971 A1 19851004;  
FR 2561971 B1 19881007; US 4625538 A 19861202

DOCDB simple family (application)

**EP 85400614 A 19850328**; AT 85400614 T 19850328; DE 3560986 T 19850328; FR 8404927 A 19840329; US 71201085 A 19850315