

Title (en)
Helicoidal plastic sleeve

Title (de)
Kunststoffschraubdübel

Title (fr)
Cheville hélicoidale en plastique

Publication
EP 0785308 B1 20030423 (DE)

Application
EP 96100609 A 19960117

Priority
EP 96100609 A 19960117

Abstract (en)
[origin: EP0785308A1] The plastic plug comprises a cylindrical plug section (1) which has a head (1a) and a lower region (16). At least part of the lower region has an inner thread (2) which accommodates the sleeper screw, and an outer thread (3) which allows the plug to be removed from the sleeper. The lower region has a uniform wall strength, which is measured so that the outer diameter is at least 1.05 times, and at most 1.2 times the inner diameter. The plug preferably consists of polyolefin, especially HDPE.

IPC 1-7
E01B 9/18

IPC 8 full level
E01B 9/18 (2006.01)

CPC (source: EP)
E01B 9/18 (2013.01)

Cited by
DE102012107734A1; EP1818452A1; DE102012107732A1; WO2011147568A1; CN112376329A; DE102016112357A1; DE102011103127B4; AU2011257533B2; DE102006001144A1; DE202013101664U1; DE202013103906U1; DE102011103127A1; US8814058B2; DE202013103907U1; US9945078B2; TWI617718B

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

DOCDB simple family (publication)
EP 0785308 A1 19970723; EP 0785308 B1 20030423; AT E238452 T1 20030515; DE 59610378 D1 20030528; DK 0785308 T3 20030721; ES 2196099 T3 20031216; PT 785308 E 20030829; SI 0785308 T1 20030831

DOCDB simple family (application)
EP 96100609 A 19960117; AT 96100609 T 19960117; DE 59610378 T 19960117; DK 96100609 T 19960117; ES 96100609 T 19960117; PT 96100609 T 19960117; SI 9630607 T 19960117