

Title (en)  
Screw with magnet

Title (de)  
Schraube mit Magnet

Title (fr)  
Vis avec un aimant

Publication  
**EP 0882510 B1 20020807 (DE)**

Application  
**EP 98810415 A 19980507**

Priority  
DE 19724134 A 19970607

Abstract (en)  
[origin: EP0882510A1] The screw has an externally threaded shaft part (3) with an open recess (32) for fixing the magnet (4). The depth (T) of the recess measured from the free end of the shaft part corresponds roughly to the axially measured thickness of the magnet. The ratio between the depth of the recess and outer diameter of the shaft part is 0.1 : 1 to 0.2:1. The recess tapers towards the free end of the shaft. Around the recess is an expansion (33) which projects radially over the recess and is open towards the free end of the shaft. The screw can be made of plastics

IPC 1-7  
**B03C 1/28**

IPC 8 full level  
**F16B 35/00** (2006.01); **B03C 1/28** (2006.01); **F16N 33/00** (2006.01); **F01M 11/03** (2006.01)

CPC (source: EP US)  
**B03C 1/286** (2013.01 - EP US); **F01M 2001/1042** (2013.01 - EP US)

Cited by  
EP1909022A3; DE102012107147A1; US8821411B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0882510 A1 19981209; EP 0882510 B1 20020807**; DE 19724134 A1 19981210; DE 59805062 D1 20020912; JP H116510 A 19990112; US 6078238 A 20000620

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**EP 98810415 A 19980507**; DE 19724134 A 19970607; DE 59805062 T 19980507; JP 15450698 A 19980603; US 8486098 A 19980526