

Title (en)
Shearable screw

Title (de)
Abreissschraube

Title (fr)
Vis frangible

Publication
EP 0692643 B2 20050330 (DE)

Application
EP 94111058 A 19940715

Priority
EP 94111058 A 19940715

Abstract (en)
[origin: EP0692643A1] The break-off screw has a threaded section (3) and a head section (2) separably fixed to it via an intended break point (10). At least one further threaded section (4) and a further intended break point (11) are provided. The threaded sections are connected to one another via the second intended break point. The break-off torque and torque areas leading to the separations at the individual intended break points have a varying extent increasing in particular from the head section to the last threaded section or connecting to each other. An inner recess (8) extends from the head section to the foremost threaded section. <IMAGE>

IPC 1-7
F16B 31/02

IPC 8 full level
H01R 4/30 (2006.01)

CPC (source: EP)
H01R 4/30 (2013.01); **H01R 4/307** (2013.01)

Citation (opposition)
Opponent :

- WO 9525229 A1 19950921 - SICAME ELECTRICAL DEV LTD [GB], et al
- EP 0514924 A1 19921125 - ARCUS ELEKTROTECH [DE]

Cited by
DE102015102224A1; DE102015102223A1; EP2159881A1; DE102015102222A1; EP3974666A1; EP1933043A1; DE102004039811A1; DE102006048177A1; EP0984176A1; DE102015102224B4; DE102008039431B4; DE10312147A1; EP1460278A1; DE19960198A1; DE102009009793A1; DE10234460B3; DE102009030662A1; EP1376764A3; EP2071201A1; US8668419B2; US9689416B2; US6176659B1; WO2016090241A3; WO2007130811A2; US7767909B2; DE102008039431A1; EP1626187A1; EP1693588A2; EP3059806A1; EP1376764A2; EP2608338A1; WO2013096354A1; EP2698891A1; US9429594B2; US9742180B2; US9960530B2; US11193522B2

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

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EP 0692643 A1 19960117; EP 0692643 B1 19971008; EP 0692643 B2 20050330; AT E159085 T1 19971015; DE 59404282 D1 19971113; ES 2084567 T1 19960516

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