

Title (en)  
Razor cartridge

Title (de)  
Rasierklingeneinheit für einen Rasierapparat

Title (fr)  
Cartouche de rasoir

Publication  
**EP 1488894 B1 20070725 (DE)**

Application  
**EP 04013932 A 20040615**

Priority  
DE 10327739 A 20030618

Abstract (en)  
[origin: EP1488894A1] The unit has a blade carrier (1) with blade (2) and plug connector (3) for a coupling part (4) on a hand grip (5). Blade carrier and plug connector are connected by a flexible part (6) and are an integral plastic part. An additional flexible plastic component (7) is formed around the connection, so that the reinforced connection part has defined bending and spring characteristics in at least two axial directions. The flexible component is stretched by a momentum in mathematically positive direction, applied via the grip, relative to the main contact surface (8) of the razor unit on the shaved surface, and is upset by a momentum in mathematically negative direction.

IPC 8 full level  
**B26B 21/22** (2006.01)

CPC (source: EP)  
**B26B 21/225** (2013.01); **B26B 21/521** (2013.01)

Cited by  
US8079147B2; CN102470534A; EP2123410A1; EP2583799A1; EP1674220A1; EP2262624A4; EP3079863A4; EP3909728A1; US8096054B2; US11351687B2; USD884970S; USD884971S; WO2011011237A1; WO2009108855A3; WO2019108392A1; US9844887B2; US10974404B2; KR20150060785A; EP2900437A4; EP3434429A1; EP3730259A1; US10183407B2; US11117280B2; US11712814B2; US10500747B2; US11130248B2; US11654587B2; EP2326468A1; DE202013002343U1; DE202013002343U9; DE102013007224A1; WO2014139655A2; US11325270B2; DE202013003009U1; DE102013007223A1; US10328587B2; US10744661B2; US8273205B2; US8640342B2; USD884969S; US11000960B1; US11254022B1; US11752649B2; WO2009108855A2; US9623575B2; US10022882B2; US10391654B2; US10967533B2; US9486930B2; US9993931B1; US10052776B2; US10507588B2; US10538007B2; US10569435B2; US11077569B2; US11298845B2; US11642804B2; US11745371B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL HR LT LV MK

DOCDB simple family (publication)  
**EP 1488894 A1 20041222; EP 1488894 B1 20070725**; AT E367900 T1 20070815; AT E460260 T1 20100315; DE 10327739 A1 20050113; DE 10327739 B4 20060608; DE 502004004415 D1 20070906; DE 502004010888 D1 20100422; EP 1847360 A1 20071024; EP 1847360 B1 20100310; EP 1847360 B9 20171220; ES 2290591 T3 20080216; ES 2342497 T3 20100707; PL 1488894 T3 20071231; PL 1488894 T4 20080331

DOCDB simple family (application)  
**EP 04013932 A 20040615**; AT 04013932 T 20040615; AT 07109567 T 20040615; DE 10327739 A 20030618; DE 502004004415 T 20040615; DE 502004010888 T 20040615; EP 07109567 A 20040615; ES 04013932 T 20040615; ES 07109567 T 20040615; PL 04013932 T 20040615