

Title (en)  
ELECTRICALLY OPERATED SHAVER

Title (de)  
ELEKTRISCH BETRIEBENER RASIERER

Title (fr)  
RASOIR ELECTRIQUE

Publication  
**EP 1979137 A1 20081015 (DE)**

Application  
**EP 06829593 A 20061214**

Priority  
• EP 2006012034 W 20061214  
• DE 102006004675 A 20060202

Abstract (en)  
[origin: WO2007087865A1] The invention relates to an electrically driven shaver (1) having a shaver housing (2) and a cutting head (7) which is arranged on the shaver housing (2) and on which at least one cutting device (8) is formed which consists of a top blade (16), provided with holes (20), and of a bottom blade (12), said blades sliding along one another due to an electric drive (4), such that, when hairs enter the holes (20), said hairs are cut off by the cutting device (8). In addition to the cutting device (8), a supporting element (9) is formed on the cutting head (7), on which supporting element (9), in the same way as on the cutting device (8), the skin surface (29) of an operator comes to bear during the shaving operation. Both the cutting device (8) and the supporting element (9) are displaceably mounted in the cutting head (7) against the force of a spring (18 and/or 26; 19 and/or 27) after overcoming a preloading force. According to the invention, means (18 and/or 26; 19 and/or 27) are provided which permit a different distribution of the contact forces (F1, F2) to the cutting device (8) and the supporting element (9). As a result, the thoroughness with which hair is removed during a shaving operation is to be improved while protecting the skin to the greatest possible extent.

IPC 8 full level  
**B26B 19/04** (2006.01); **B26B 19/38** (2006.01)

CPC (source: EP US)  
**B26B 19/046** (2013.01 - EP US); **B26B 19/048** (2013.01 - EP US); **B26B 19/063** (2013.01 - EP US); **B26B 19/3846** (2013.01 - EP US); **B26B 19/388** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US)

Citation (search report)  
See references of WO 2007087865A1

Cited by  
US11897152B2

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

DOCDB simple family (publication)  
**DE 102006004675 A1 20070809**; AT E549134 T1 20120315; EP 1979137 A1 20081015; EP 1979137 B1 20120314; JP 2009525090 A 20090709; JP 5377980 B2 20131225; US 2009000126 A1 20090101; US 2011197726 A1 20110818; WO 2007087865 A1 20070809

DOCDB simple family (application)  
**DE 102006004675 A 20060202**; AT 06829593 T 20061214; EP 06829593 A 20061214; EP 2006012034 W 20061214; JP 2008552692 A 20061214; US 18534608 A 20080804; US 201113093491 A 20110425