

Title (en)  
ELECTRIC RAZOR PROVIDED WITH A TILTABLE SHAVING HEAD UNIT

Publication  
**EP 0239920 A3 19890405 (DE)**

Application  
**EP 87104364 A 19870324**

Priority  
DE 3610736 A 19860329

Abstract (en)  
[origin: US4796359A] An electric shaving apparatus has a housing serving as a hand grip (1) with projecting support lugs (11, 12) that defines pivot axis (Z). Shearing head system (2) is movable about pivot axis (Z) and comprises a shearing head frame (3) that has at least one upper cutter (4) with arcuate extensions towards the longitudinal sides (5, 6) of the shearing head frame (3), and at least one under cutter (25, 26, 34) driven by a motor and in cooperative relation with the upper cutter (4). The shearing head system (2) is arranged to pivot about the pivot axis (Z) in such a manner that the shearing area usable for shaving will engage the skin surface and not become disengaged from the skin surface as directions of sliding movement of the shearing head system change.

IPC 1-7  
**B26B 19/02**

IPC 8 full level  
**B26B 19/02** (2006.01); **B26B 19/04** (2006.01)

CPC (source: EP KR US)  
**B26B 19/02** (2013.01 - KR); **B26B 19/048** (2013.01 - EP US)

Citation (search report)  
• [A] FR 871290 A 19420417  
• [A] CH 550056 A 19740614 - PHILIPS NV

Cited by  
EP0297300A1; EP0529477A1; EP0375949A3; GB2303813A; US5745995A; GB2303813B; US7461456B2; WO9102629A1

Designated contracting state (EPC)  
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**US 4796359 A 19890110**; AT E51562 T1 19900415; DE 3610736 A1 19871001; DE 3610736 C2 19880421; DE 3762101 D1 19900510; EP 0239920 A2 19871007; EP 0239920 A3 19890405; EP 0239920 B1 19900404; ES 2014269 B3 19900701; HK 54791 A 19910726; JP 2749571 B2 19980513; JP S62227395 A 19871006; KR 870008668 A 19871020; KR 940005311 B1 19940616; SG 50191 G 19910823

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