

Title (en)  
Shaving system which actively flex a blade

Title (de)  
Rasiersystem welches eine Klinge aktiv biegt

Title (fr)  
Système de rasage qui fléchit une lame activement

Publication  
**EP 1236547 A2 20020904 (EN)**

Application  
**EP 02003014 A 20020212**

Priority  
US 79613101 A 20010228

Abstract (en)  
Wet shaving systems having a flexible blade housing which is linked to a support by a linkage (40) comprising a plurality of links which actively flex the blade (20), i.e., cause portions of the blade edge to move upwardly in response to shaving forces exerted downwardly on other portions of blade. This shaving system redistributes shaving forces along the cutting edge (22) of the blade. In illustrated embodiments, the blade housing is linked to a razor by two four-bar linkages which are either overlapping or separate. <IMAGE>

IPC 1-7  
**B26B 21/16**

IPC 8 full level  
**B26B 21/14** (2006.01); **B26B 21/16** (2006.01)

CPC (source: EP)  
**B26B 21/165** (2013.01)

Citation (applicant)  
• US 4170821 A 19791016 - BOOTH ANTHONY R [US]  
• US 5056221 A 19911015 - THOENE JOCHEN [DE]  
• US 5044120 A 19910903 - COUCH DAVID M [US]  
• US 5095619 A 19920317 - DAVIS IRIS J [US], et al

Cited by  
EP2371497A1; WO2008012740A3; WO2008100626A1; WO2006121729A3; WO2008012740A2; US7721446B2; US7748121B2; US8528214B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1236547 A2 20020904; EP 1236547 A3 20030402**; AU 1868302 A 20020829; CA 2373204 A1 20020828; JP 2002306870 A 20021022

DOCDB simple family (application)  
**EP 02003014 A 20020212**; AU 1868302 A 20020225; CA 2373204 A 20020225; JP 2002051619 A 20020227