

Title (en)
OVAL FRAME RAZOR

Title (de)
RASIERER MIT OVALEM RAHMEN

Title (fr)
RASOIR A CADRE OVALE

Publication
EP 0868267 B1 19991013 (EN)

Application
EP 96940415 A 19961108

Priority
• GB 9523040 A 19951110
• US 9618192 W 19961108

Abstract (en)
[origin: WO9717174A2] A razor blade unit for a safety razor has optimised shape and dimensions for body shaving, especially the regions of the axillae. The blade unit has an elongate blade with a rectilinear sharpened edge, and a skin contacting surface at which the length is 1 to 4 times the width and not greater than 60 mm, preferably 40 to 45 mm. The skin contacting surface has a footprint area of at least 450 mm<2>, preferably 600 to 750 mm<2>, and a circularity which is not less than the lower of (i) 65 %, and (ii) the circularity of a rectangle with the same length and width as the skin contacting surface and with corner radii of 30 % of the width. In a plane perpendicular to the blade edge the skin contacting surface is convex and shaped to make at least three point contact with an imaginary circumscribing circle with a radius of 15 to 70 mm, preferably 25 mm. Guard and cap surfaces in front of and behind the blade edge each have a skin contact area of at least 140 mm<2>, and their combined areas is preferably at least 400 mm<2>, e.g. 450 to 500 mm<2>. A preferred shape is rectangular with semi-circular ends.

IPC 1-7
B26B 21/00

IPC 8 full level
B26B 21/00 (2006.01); **B26B 21/14** (2006.01); **B26B 21/08** (2006.01)

CPC (source: EP KR)
B26B 21/00 (2013.01 - EP KR)

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

DOCDB simple family (publication)
WO 9717174 A2 19970515; WO 9717174 A3 19970626; AR 004308 A1 19981104; AT E185509 T1 19991015; AU 701644 B2 19990204; AU 7730196 A 19970529; BR 9611360 A 19990713; CA 2236418 A1 19970515; CA 2236418 C 20010703; CN 1098755 C 20030115; CN 1202127 A 19981216; CO 4560422 A1 19980210; CZ 141798 A3 19990217; CZ 296574 B6 20060412; DE 69604695 D1 19991118; DE 69604695 T2 20000406; EG 21428 A 20011031; EP 0868267 A2 19981007; EP 0868267 B1 19991013; ES 2137024 T3 19991201; GB 9523040 D0 19960110; HU 222526 B1 20030828; HU P9902663 A2 19991228; HU P9902663 A3 20000728; IL 124327 A0 19981206; IL 124327 A 20010913; JP 2000500044 A 20000111; KR 100433159 B1 20040908; KR 19990067406 A 19990816; MX 9803632 A 19980930; NO 313659 B1 20021111; NO 982007 D0 19980504; NO 982007 L 19980708; NZ 323219 A 19990929; PL 181865 B1 20010928; PL 326677 A1 19981012; RO 121100 B1 20061229; RU 2164861 C2 20010410; SK 284975 B6 20060302; SK 60898 A3 19981202; TR 199800836 T2 19980721; TW 344698 B 19981111; UA 57718 C2 20030715; YU 48941 B 20021210; YU 59696 A 19990927; ZA 969329 B 19970521

DOCDB simple family (application)
US 9618192 W 19961108; AR P960105105 A 19961108; AT 96940415 T 19961108; AU 7730196 A 19961108; BR 9611360 A 19961108; CA 2236418 A 19961108; CN 96198226 A 19961108; CO 96059096 A 19961108; CZ 141798 A 19961108; DE 69604695 T 19961108; EG 98096 A 19961110; EP 96940415 A 19961108; ES 96940415 T 19961108; GB 9523040 A 19951110; HU P9902663 A 19961108; IL 12432796 A 19961108; JP 51839997 A 19961108; KR 19980703416 A 19980508; MX 9803632 A 19980507; NO 982007 A 19980504; NZ 32321996 A 19961108; PL 32667796 A 19961108; RO 9800956 A 19961108; RU 98111596 A 19961108; SK 60898 A 19961108; TR 9800836 T 19961108; TW 86100179 A 19970109; UA 98062963 A 19961108; YU 59696 A 19961108; ZA 969329 A 19961106