

Title (en)

Shaving head, in particular the razor blade unit of a mechanical razor.

Title (de)

Rasierapparatekopf, insbesondere Rasierklingeneinheit, eines Nassrasierapparates.

Title (fr)

Tête de rasage, particulièrement une unité de lames pour rasoir mécanique.

Publication

EP 0556531 B1 19950503 (DE)

Application

EP 92710005 A 19920214

Priority

EP 92710005 A 19920214

Abstract (en)

[origin: US5305526A] To reduce the frictional resistance of a wet razor head, especially a razor blade unit thereof, as well as to provide a sharper blade without the risk of injury, there is provided a combination of a protective wire that covers a blade made of a steel strip having a width of less than 5 mm, a thickness between 0.05 and 0.25 mm, and a chromium/molybdenum steel composition having a hardness of greater than 620 HV and a retained austenite content of less than 32%, with the blade being a single piece that has no perforations or holes and that is mounted in a vibration-free manner in a plastic body. The protective wire comprises loops that are spaced greater than 2 mm but less than 5 mm apart and that have a minimum thickness of greater than 0.1 mm to form a protective guard over the razor blade with the effect of a protective foil.

IPC 1-7

B26B 21/54; **B26B 21/22**

IPC 8 full level

B26B 21/06 (2006.01); **B26B 21/40** (2006.01); **B26B 21/60** (2006.01); **C22C 38/00** (2006.01); **C22C 38/22** (2006.01)

CPC (source: EP KR US)

B26B 21/00 (2013.01 - KR); **B26B 21/4006** (2013.01 - EP US)

Cited by

AU635681B1; WO9630172A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

US 5305526 A 19940426; AT E121983 T1 19950515; AU 635681 B1 19930325; BR 9201804 A 19930824; CA 2083767 A1 19930815; CA 2083767 C 19980915; CN 1028976 C 19950621; CN 1075280 A 19930818; DE 59202090 D1 19950608; DK 0556531 T3 19950904; EP 0556531 A1 19930825; EP 0556531 B1 19950503; ES 2073899 T3 19950816; IL 101538 A 19960723; JP 3326620 B2 20020924; JP H05277264 A 19931026; KR 930017684 A 19930920; MX 9204446 A 19930901; RU 2062223 C1 19960620

DOCDB simple family (application)

US 87743892 A 19920430; AT 92710005 T 19920214; AU 1607692 A 19920507; BR 9201804 A 19920513; CA 2083767 A 19921125; CN 92103097 A 19920427; DE 59202090 T 19920214; DK 92710005 T 19920214; EP 92710005 A 19920214; ES 92710005 T 19920214; IL 10153892 A 19920409; JP 14471692 A 19920421; KR 920011515 A 19920630; MX 9204446 A 19920730; SU 5011442 A 19920508