

Title (en)
ELECTRIC RAZOR

Title (de)
TROCKENRASIERAPPARAT

Title (fr)
APPAREIL DE RASAGE A SEC

Publication
EP 1098739 B1 20020508 (DE)

Application
EP 99931195 A 19990626

Priority
• DE 19832473 A 19980720
• EP 9904446 W 19990626

Abstract (en)
[origin: WO0005040A1] The invention relates to an electric razor with a casing having a casing part (G), and at least one cutting element that can move back and forth on a horizontal plane (E) in addition to an interchangeable frame (WR) with at least one cutting element (S) which is removably retained by at least two locking devices (R1, R2; R3, R4) on the casing part (G), wherein the locking devices (R1, R2; R3, R4) are formed by a locating surface (20, 21) provided on the interchangeable frame (WR) and by a locating surface (80, 90) of a spring mounted locking element (18, 19) exerting a locking force (FR), wherein a retaining function and a vibration-free positioning function of the interchangeable frame (WR) on the casing part (G) may be carried out using the locking devices (R1, R2; R3, R4).

IPC 1-7
B26B 19/04

IPC 8 full level
B26B 19/04 (2006.01); **B26B 19/10** (2006.01)

CPC (source: EP KR US)
B26B 19/04 (2013.01 - KR); **B26B 19/048** (2013.01 - EP US); **B26B 19/10** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
WO 0005040 A1 20000203; AT E217239 T1 20020515; AU 4778599 A 20000214; CN 1112985 C 20030702; CN 1308571 A 20010815; DE 19832473 C1 20000330; DE 59901406 D1 20020613; EP 1098739 A1 20010516; EP 1098739 B1 20020508; JP 2002521104 A 20020716; JP 4316142 B2 20090819; KR 100602466 B1 20060719; KR 20010053580 A 20010625; US 2002020066 A1 20020221; US 6415513 B1 20020709; US 6560875 B1 20030513

DOCDB simple family (application)
EP 9904446 W 19990626; AT 99931195 T 19990626; AU 4778599 A 19990626; CN 99808349 A 19990626; DE 19832473 A 19980720; DE 59901406 T 19990626; EP 99931195 A 19990626; JP 2000561018 A 19990626; KR 20017000840 A 20010119; US 14250802 A 20020510; US 76525801 A 20010118