

Title (en)

ZIRCONIA BASED BLADES AND FOILS FOR RAZORS AND A METHOD FOR PRODUCING SAME

Title (de)

KLINGEN UND SCHERFOLIEN AUF ZIRKONIUMDIOXIDBASIS FÜR RASIERER UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)

LAMES ET FEUILLES A BASE DE ZIRCONIUM POUR RASOIRS ET PROCEDE DE FABRICATION ASSOCIE

Publication

**EP 1545841 A1 20050629 (EN)**

Application

**EP 03759604 A 20031001**

Priority

- GB 0222712 A 20021001
- GB 0223567 A 20021010
- GB 0223882 A 20021015
- US 0330958 W 20031001

Abstract (en)

[origin: WO2004030875A1] Stabilized or partially stabilized zirconia paste may be screen printed onto hydrophilic film in the form of a mesh. On firing, this becomes a very sharp foil (10, 110, 210, 310) for electric razors with excellent wear characteristics. Stabilized or partially stabilized zirconia may also be screen printed onto a wettable plastic film then fired to produce low cost razor blades with an excellent edge. A curved razor blade (310) incorporating an array of holes (312), each of which has a knife edge periphery (324), offers greater cutting power and control of the skin surface than a single or double edge.

IPC 1-7

**B26B 21/56**; **B32B 1/00**

IPC 8 full level

**B26B 21/56** (2006.01); **B26B 19/38** (2006.01); **B26B 21/58** (2006.01)

CPC (source: EP)

**B26B 19/384** (2013.01); **B26B 21/56** (2013.01); **B26B 21/58** (2013.01)

Cited by

US11524420B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004030875 A1 20040415**; AU 2003275328 A1 20040423; EP 1545841 A1 20050629; EP 1545841 A4 20060913; EP 1545841 B1 20101208; JP 2006501034 A 20060112; JP 4398864 B2 20100113

DOCDB simple family (application)

**US 0330958 W 20031001**; AU 2003275328 A 20031001; EP 03759604 A 20031001; JP 2004541944 A 20031001