



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**09.01.2019 Bulletin 2019/02**

(51) Int Cl.:  
**B26B 21/56 (2006.01)** **B26B 21/22 (2006.01)**  
**B26B 21/40 (2006.01)**

(43) Date of publication A2:  
**26.09.2018 Bulletin 2018/39**

(21) Application number: **18167402.9**

(22) Date of filing: **08.10.2012**

(84) Designated Contracting States:  
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR**

(30) Priority: **06.10.2011 PCT/EP2011/067451**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:  
**12769444.6 / 2 763 823**

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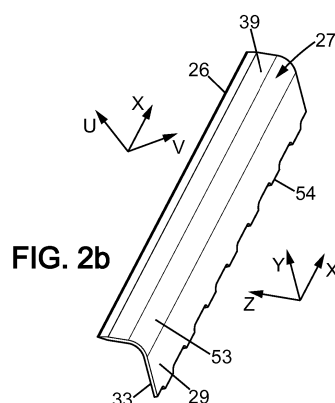
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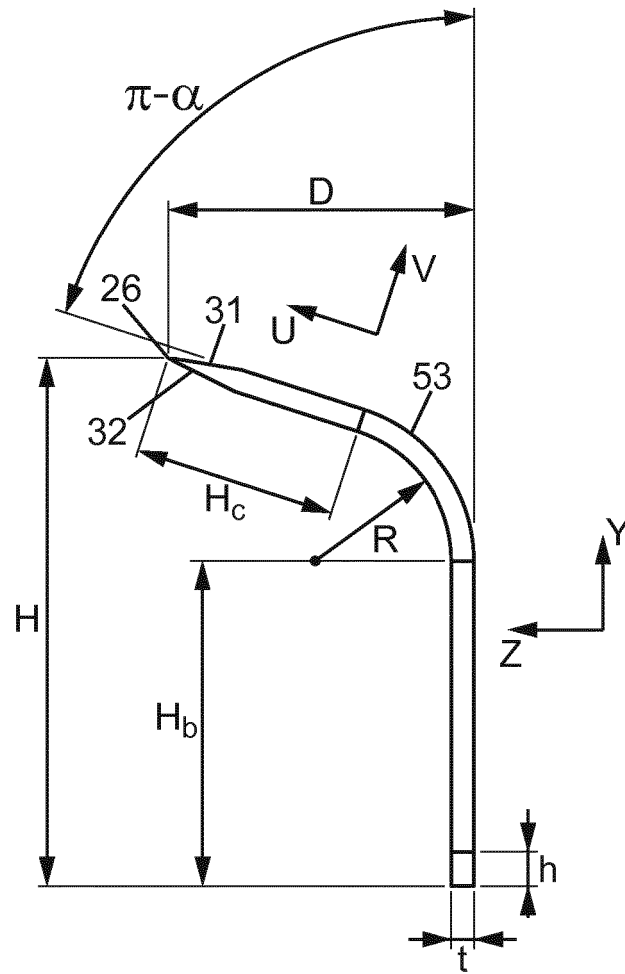
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(54) **RAZOR BLADE, RAZOR HEAD, AND METHOD OF MANUFACTURE**

(57) A razor head 5 comprising a housing 10 having a top face defining a shaving window, and an opposed stopping face, the housing further comprising at least one guide 45, at least one integrally formed rigid razor blade 24, each freely mounted in the housing, and having a cutting edge portion 39 extending along a cutting edge portion axis, and having a cutting edge 26 accessible through the shaving window, a guided portion 35 extending along a guided portion axis, and a bent portion 53 intermediate the cutting edge portion and the guided portion, wherein the cantilever dimension, measured as the distance between the cutting edge and the guided portion axis, is between 1.1 millimeter and 1.8 millimeter, wherein the guided portion cooperates with the guide so that each blade is independently translatable with respect to the housing along a sliding direction parallel to the guided portion axis, under the effect of shaving forces applied to the blade during shaving.



**FIG. 3b**





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Y	* column 2, line 41 - column 3, line 63;	3,4	B26B21/22
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 3 December 2018	Examiner Rattenberger, B
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7

A razor head comprising a housing comprising at least one guide, at least one integrally formed rigid razor blade freely mounted in the housing, and having a cutting edge portion, a guided portion and a bent portion intermediate the cutting edge portion and the guided portion, wherein the cantilever dimension, measured as the distance between the cutting edge and the guided portion axis, is between 1.1 millimeter and 1.8 millimeter, and wherein the guided portion cooperates with the guide of the housing.

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2. claims: 8-11

An integrally formed rigid razor blade having in cross-section transverse to a long axis a cutting edge portion, a base portion having an abutment edge at one end, and a bent portion intermediate the cutting edge portion and the guided/base portion, wherein the abutment edge is corrugated along the long axis, with corrugations with a height of at most 0.32 millimeters; and method of manufacturing such an integrally formed razor blade.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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