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(71) Applicant: **Valfsel Armatur Sanayi Anonim Sirketi**
45030 Manisa (TR)

(72) Inventors:
- **Cosan, Ahmet**
  45030 Manisa (TR)
- **Esendir, Necmiye**
  45030 Manisa (TR)

(74) Representative: **Dericioglu, E. Korhan**
Ankara Patent Bureau Limited
Bestekar Sokak No: 10
Kavaklidere
06680 Ankara (TR)

(54) A patterned faucet

(57) The present invention relates to a corrosion-resistant patterned faucet (11) obtained as a result of the processes applied thereon. With the invention, by first forming the pattern (3) and then performing the coating process, it is aimed to realize a corrosion resistant patterned faucet (11) whose coating life is the same as the standard faucet products.

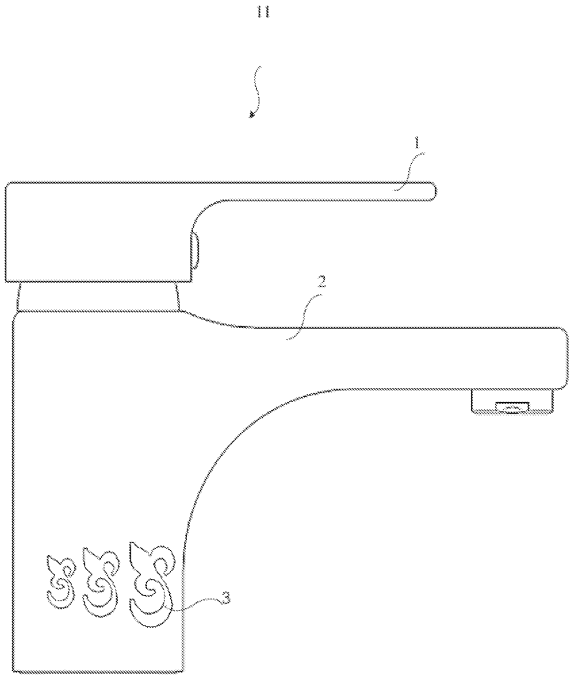

Figure1

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Description

Field of the Invention

[0001] The present invention relates to a corrosion resistant patterned faucet obtained as a result of the processes applied thereon.

Background of the Invention

[0002] The patterned faucets known in the art easily corrode due to abrasion of the coated surface, and due to the fact that the coating at the parts where a text is written or a pattern is provided weakens and loses durability.

[0003] The Japanese patent document JP2003252000**,** one of the applications known in the art, discloses a technique for forming patterns on the faucet. Masking is performed on the surface of the faucet where the pattern is to be formed. This masking material has the same design with the pattern to be formed and these pattern parts are cut out. In the technique, firstly the upper surface of the faucet is coated with nickel and chromium. Then masking band is applied to the coated surface and a pattern is formed on the faucet with sanding process. The masking band is removed after sanding and thus the pattern is formed.

Summary of the Invention

[0004] The objective of the present invention is to realize a corrosion resistant patterned faucet whose coating life is the same as the standard faucet products.

Detailed Description of the Invention

[0005] A patterned faucet realized to attain the objective of the present invention is illustrated in the accompanying drawings, wherein;

Figure 1 is the side view of the patterned faucet.
Figure 2 is the side view of the faucet arm.
Figure 3 is the top view of the faucet arm.
Figure 4 is the top view of the patterned faucet arm.
Figure 5 is the side view of the faucet body.
Figure 6 is the side view of the patterned faucet body.
Figure 7 is the top view of the faucet body.
Figure 8 is the top view of the patterned faucet body.

[0006] The parts and the process steps shown in the figures are numbered individually where the numbers refer to the following:

11. Patterned faucet
1. Arm
2. Body
3. Pattern

[0007] A patterned faucet obtained by the steps of

- cleaning the faucet surfaces,
- coating the faucet parts with pattern band,
- sanding the surface,
- removing the masking band

[0008] comprises

- at least one faucet arm (1) which enables to open and close the faucet during use by being moved in different directions and on which pattern (3) can be formed,
- at least one body (2) which provides water transmission line and allows the arm (1) to be fitted thereon,
- visual patterns (3) that are applied on faucets.

[0009] After the main body (2) and the faucet arm (1) are removed from the molds, the faucets are subjected to surface cleaning (polishing). The faucet parts, which become smooth surfaces after polishing is performed, are coated with a special masking band whose pattern (3) portions are cut out. A rough surface is formed by abrading the polished surface by sanding. The masking band is removed whereby a pattern (3) is revealed due to the difference between the two surfaces, and the polished faucet parts are coated. Various patterns (3) are formed on the surface. Since coating is performed later in the inventive patterned faucets, coating lives of the parts are brought to the same level as those of the standard products. The corrosion resulting in the patterned (3) parts of the products in time is prevented.

Claims

1. A patterned faucet (11) **comprising**

- at least one faucet arm (1), which enables to open and close the faucet and on which a pattern (3) can be formed,
- at least one body (2) which allows the arm (1) to be fitted thereon, **characterized by** the pattern (3) applied on the faucets.

2. A patterned faucet (11) according to Claim 1, **characterized by** the steps of

- cleaning the faucet surfaces,
- coating the faucet parts with pattern band,
- sanding the surface,
- removing the masking band.

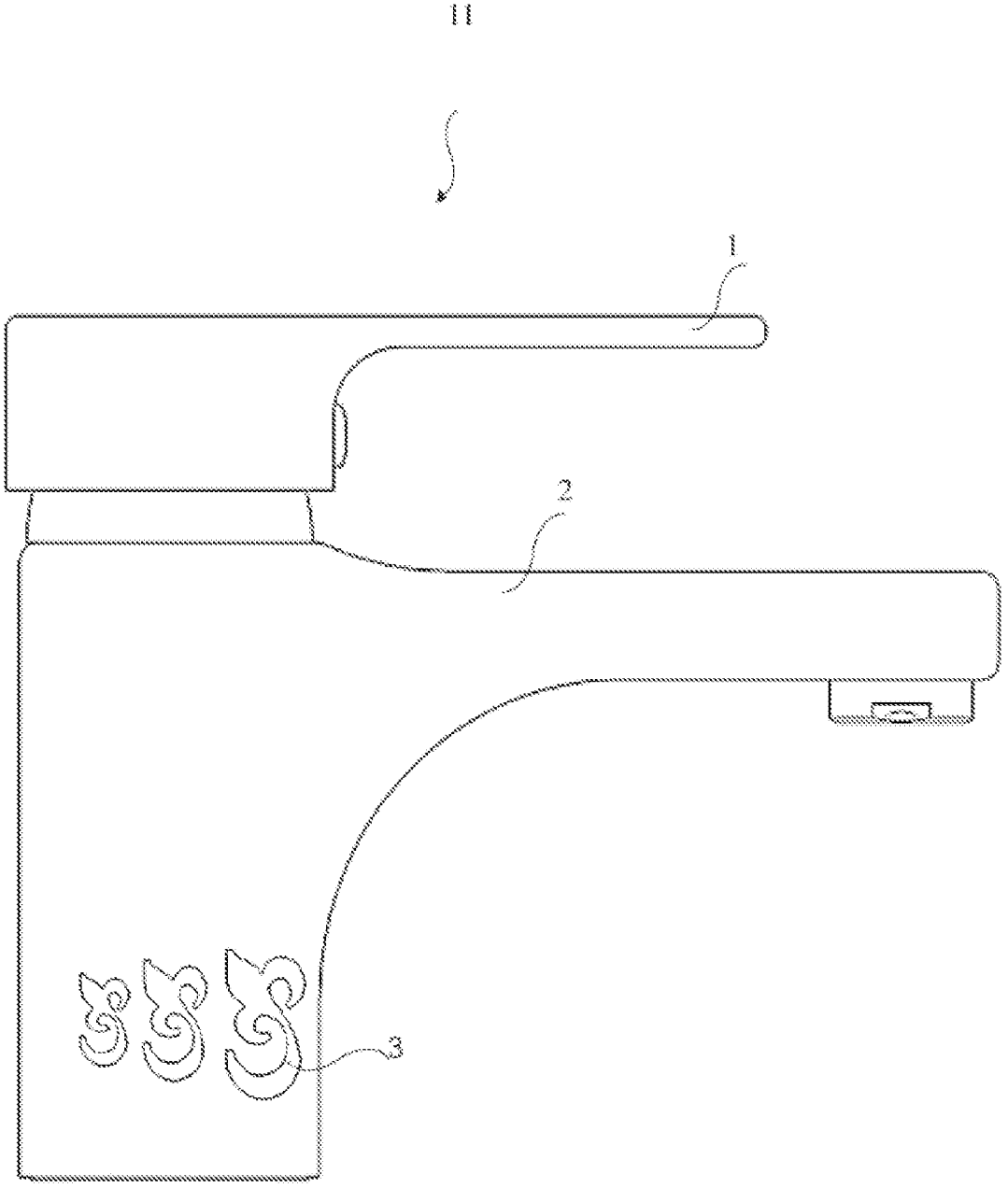

Figure1

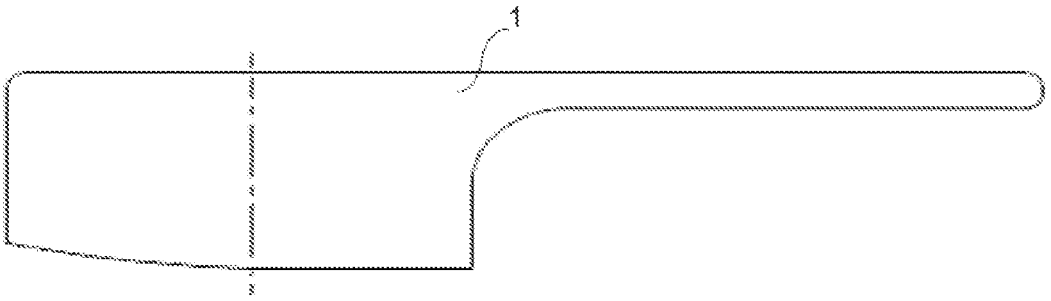

Figure2

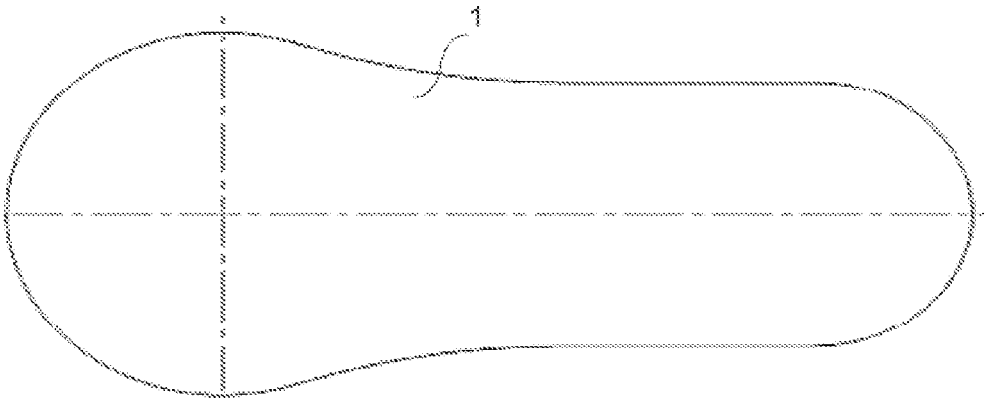

Figure3

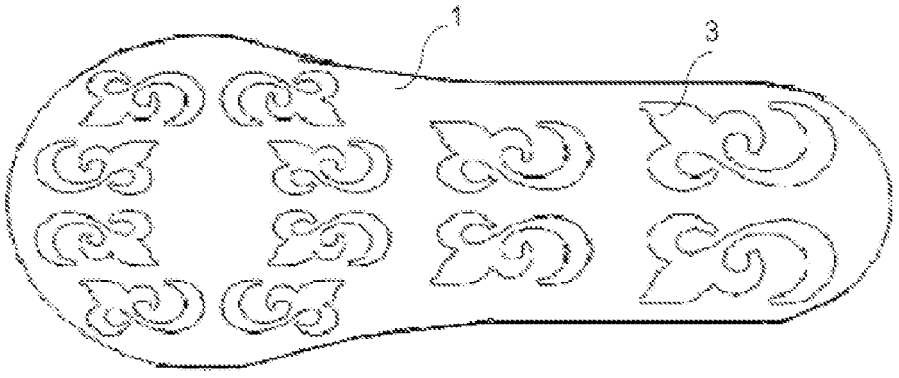

Figure4

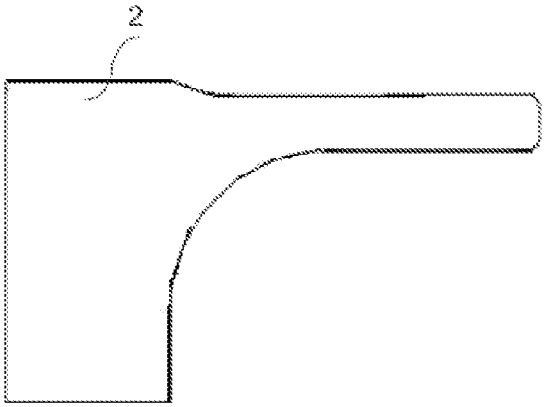

Figure5

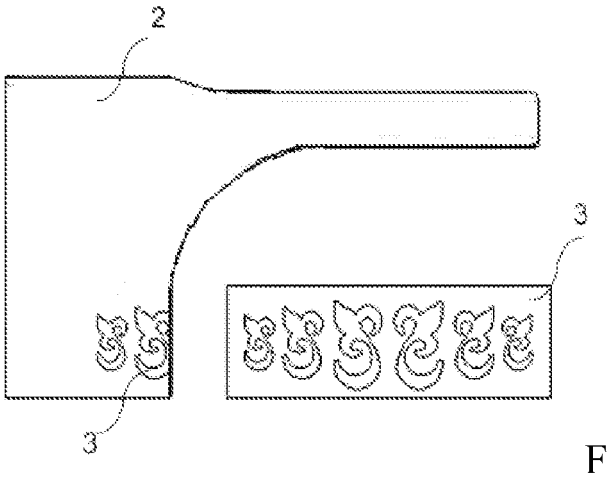

Figure6

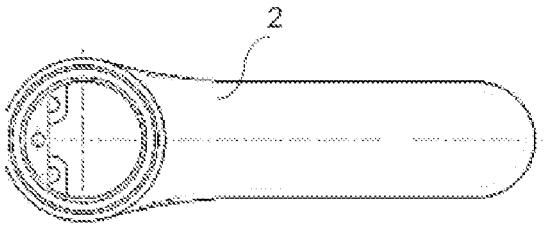

Figure7

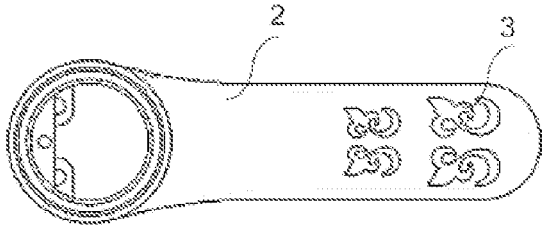

Figure8

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EUROPEAN SEARCH REPORT

Application Number
EP 09 17 2549

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	JP 2003 252000 A (INAX CORP) 9 September 2003 (2003-09-09) * abstract; figures * -----	1	INV. B44C1/22
X	US 5 006 207 A (PETERMAN ERIC C [US] ET AL) 9 April 1991 (1991-04-09) * figures * * column 2, line 3 - column 3, line 3 * * column 4, line 33 - line 57 * -----	1-2	
A	DE 198 46 589 A1 (GROHE ARMATUREN FRIEDRICH [DE]) 13 April 2000 (2000-04-13) * column 1, line 3 - line 7 * * column 2, line 9 - line 18 * -----	1-2	
			TECHNICAL FIELDS SEARCHED (IPC) B44C

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	27 January 2010	Isailovski, Marko

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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E : earlier patent document, but published on, or after the filing date
D : document cited in the application
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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 09 17 2549

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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27-01-2010

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- JP 2003252000 B **[0003]**