

Title (en)

WRITING, DRAWING, MARKING AND/OR PAINTING UTENSIL OR COSMETICS IMPLEMENT OR INPUT DEVICE FOR CONTACT-SENSITIVE SURFACES, AND METHOD FOR PRODUCING THE SAME

Title (de)

SCHREIB-, ZEICHEN-, MARKIER- UND/ODER MALGERÄT ODER KOSMETIKGERÄT ODER EINGABEGERÄT FÜR BERÜHRUNGSEMPFINDLICHE OBERFLÄCHEN UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

INSTRUMENT D'ÉCRITURE, DE DESSIN, DE MARQUAGE ET/OU DE PEINTURE OU INSTRUMENT COSMÉTIQUE OU INSTRUMENT D'ENTRÉE DE DONNÉES DESTINÉ À DES SURFACES TACTILES, ET PROCÉDÉ DE FABRICATION DUDIT INSTRUMENT

Publication

EP 3164269 B1 20230816 (DE)

Application

EP 15734570 A 20150624

Priority

- DE 102014010308 A 20140702
- EP 2015001275 W 20150624

Abstract (en)

[origin: CA2949394A1] Writing, drawing, marking and/or painting utensil or cosmetics implement or input device for contact-sensitive surfaces, wherein the utensil/implement/device comprises at least one shank element made of plastics material or a plastics-containing wood substitute, characterized in that the at least one shank element has a surface, or in that the at least one shank element has a surface which is sheathed in a material layer having a cover surface, in that the surface of the shank element or the cover surface of the material layer is in the form of a haptic and/or non-slip layer, in that the haptic and/or non-slip layer has a structure, in that the structure is formed in one piece with the shank element and/or the material layer, and in that the structure is formed by corrugation.

IPC 8 full level

B43K 8/00 (2006.01); **A45D 40/20** (2006.01); **B43K 5/00** (2006.01); **B43K 7/00** (2006.01); **B43K 19/14** (2006.01); **B43K 19/16** (2006.01); **B43K 21/00** (2006.01); **B43K 27/00** (2006.01)

CPC (source: CN EP KR RU US)

A45D 40/20 (2013.01 - EP KR US); **B43K 5/005** (2013.01 - CN EP KR US); **B43K 7/005** (2013.01 - CN EP KR US); **B43K 8/003** (2013.01 - CN EP KR US); **B43K 19/14** (2013.01 - CN EP KR RU US); **B43K 19/16** (2013.01 - CN EP KR US); **B43K 21/006** (2013.01 - CN EP KR US); **B43K 27/006** (2013.01 - CN EP KR US); **A45D 40/20** (2013.01 - CN)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102014010308 A1 20160107; **DE 102014010308 B4 20161027**; AU 2015283268 A1 20161215; AU 2015283268 B2 20180517; BR 112017000034 A2 20180717; BR 112017000034 B1 20211103; CA 2949394 A1 20160107; CA 2949394 C 20190129; CN 106573489 A 20170419; CN 106573489 B 20180727; EP 3164269 A1 20170510; EP 3164269 B1 20230816; ES 2962241 T3 20240318; HK 1231443 A1 20171222; JP 2017528336 A 20170928; JP 6419228 B2 20181107; KR 101961920 B1 20190325; KR 20170026581 A 20170308; MX 2016015775 A 20170425; MX 2021005496 A 20210618; MY 176413 A 20200806; PL 3164269 T3 20240219; RU 2017102486 A 20180802; RU 2017102486 A3 20180802; RU 2672629 C2 20181116; US 10059142 B2 20180828; US 10549570 B2 20200204; US 2017232782 A1 20170817; US 2018222244 A1 20180809; WO 2016000811 A1 20160107; ZA 201608013 B 20180530

DOCDB simple family (application)

DE 102014010308 A 20140702; AU 2015283268 A 20150624; BR 112017000034 A 20150624; CA 2949394 A 20150624; CN 201580036323 A 20150624; EP 15734570 A 20150624; EP 2015001275 W 20150624; ES 15734570 T 20150624; HK 17105247 A 20170524; JP 2016575840 A 20150624; KR 20177002868 A 20150624; MX 2016015775 A 20150624; MX 2021005496 A 20161130; MY PI2016704852 A 20150624; PL 15734570 T 20150624; RU 2017102486 A 20150624; US 201515323293 A 20150624; US 201815943102 A 20180402; ZA 201608013 A 20161118