

Title (en)
MODIFICATION DEVICE OF A SURFACE

Title (de)
VORRICHTUNG ZUR MODIFIZIERUNG EINER OBERFLÄCHE

Title (fr)
DISPOSITIF DE MODIFICATION D'UNE SURFACE

Publication
EP 3039980 A1 20160706 (EN)

Application
EP 15202788 A 20151228

Priority
PT 10813014 A 20141231

Abstract (en)
The present application relates to a modification device of a surface. The main advantage of this technology lies in the ease of changing the type of surface used, thereby allowing to change the surface's friction conditions. With the device now developed, it is possible to exchange surfaces by means of a retractable system. From a practical point of view, the device now disclosed allows, for example, the use of the same footwear for use in various kinds of flooring or the use of the same footwear with different decorative applications. The device increases user comfort by eliminating the need to transport or store a large number of different footwear. This same solution can also be used in backpacks, suitcases, bags, wallets, files and/or sandpaper, bases for hot/cold surfaces, among others.

IPC 8 full level
A43B 13/22 (2006.01); **A43C 15/08** (2006.01)

CPC (source: EP)
A43B 3/246 (2013.01); **A43B 13/223** (2013.01); **A43B 13/226** (2013.01); **A43C 15/08** (2013.01)

Citation (applicant)
• EP 1558103 A1 20050803 - AL PL S R L [IT]
• US 6675504 B1 20040113 - BIANCUCCI DEMETRIO [IT], et al

Citation (search report)
• [X] US 2065386 A 19361222 - KRISTIAN MATTSSON JOHN
• [X] US 2010175355 A1 20100715 - DESMARAIS KERRY T [US], et al

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IT201800006720A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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