

Title (en)

RETAINERS FOR A DEVICE HAVING REMOVABLE FLOOR SHEETS

Title (de)

WISCHBEZUGKLEMMEN FÜR EINE VORRICHTUNG MIT AUSWECHSELBAREN WISCHTÜCHERN

Title (fr)

PINCES AU TISSUE POUR GARNITURE DE NETTOYAGE AVEC DES LINGETTES REMPLACABLES

Publication

EP 3024373 B1 20170510 (EN)

Application

EP 14748424 A 20140722

Priority

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- US 2014047588 W 20140722

Abstract (en)

[origin: WO2015013260A1] A retainer 60 for removably attaching a sheet 20 to a cleaning device 10. The retainer 60 has at least one cantilevered finger 62 extending inwardly from the periphery 64 of a cavity 63 towards the inside of that cavity 63. Behind the retainer 60 is a flexible barrier 80, at least partially covering the back of the cavity 63. The barrier 80 prevents the user's finger from going too far into the cavity 63 and becoming pinched, and allows the thickness of the device 10 to which the sheet 20 is attached to be reduced compared to a device having a conventional sheet retainer. The barrier 80 may provide visual and/ or tactile barrier cues to a user, qualitatively signaling the user which direction is proper for insertion of the sheet 20 into the retainer 60 and quantitatively signally the user how far the sheet 20 should be inserted into the retainer 60. Strands and/or a membrane panel 66 which are elastic or inelastic may be used for the barrier 80.

IPC 8 full level

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CPC (source: EP)

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