

Title (en)

DOOR HOOK ASSEMBLY AND WASHING DEVICE USING THE SAME

Title (de)

TÜRHAKENANORDNUNG UND DAVON GEBRAUCH MACHENDE WASCHVORRICHTUNG

Title (fr)

ENSEMBLE CROCHET DE PORTE ET DISPOSITIF DE LAVAGE UTILISANT CET ENSEMBLE

Publication

**EP 2115204 B1 20100512 (EN)**

Application

**EP 07857828 A 20071219**

Priority

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- CN 200720033318 U 20070115

Abstract (en)

[origin: WO2008086934A1] A door hook assembly (1) and a washing device using the same, said door hook assembly (1) comprises a door hook (2), a spring structure (3) and a pivot (4) connecting said door hook (2) and said spring structure (3), said door hook (2) is rotatable about said pivot (4), said spring structure (3) comprises a spiral portion (5), each of the two ends of said spiral portion (5) has a leg portion (6,7) extending tangentially from the circumference thereof, and there is a certain angle alpha formed between the projections of the extending directions of the two leg portions (6,7) on a plane S perpendicular to said pivot (4); one of said leg portions (6) is bent to form an arm portion extending therefrom, and there is a certain angle beta formed between the projections of the extending direction of said arm portion (8) and the opposite direction of the extending direction of said leg portion on the plane S. By way of this door hook assembly (1), when said spiral portion (5) and the leg portion at its two ends have been deformed elastically about its axis O by an external force, the arm portion (8) formed by bending one of said leg portions (6) can still provide elastic deformation independently, so as to provide an extra elastic restoring force.

IPC 8 full level

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