

Title (en)

PACKAGING PROVIDED WITH A SEALED OPENING AND CLOSING DEVICE

Title (de)

VERPACKUNG MIT EINER ABGEDICHTETEN ÖFFNUNGS- UND SCHLIESSVORRICHTUNG

Title (fr)

EMBALLAGE EQUIPE D'UN DISPOSITIF D'OUVERTURE ET DE FERMETURE ETANCHE

Publication

EP 2663502 B1 20141231 (FR)

Application

EP 12702302 A 20120105

Priority

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Abstract (en)

[origin: WO2012095593A1] The invention relates to the field of packagings for consumable products, comprising a wall (15) provided with an opening (13). This packaging is provided with an opening and closing device (1) including a body (2) made of a single piece of a moulded material, attached to the wall (15), the body (2) comprising a plate (20) provided with a first hole (30) placed opposite the opening (13) and attached to the edge (19) of the opening (13) of the wall (15) in a sealing manner, and a hatch (40) hinged to said plate (20) opening towards the inside of the packaging and capable of covering said first hole (30) in the closed position, the device (1) also including an arm (50) connected to the hatch (40), the arm (50) engaging with means for locking in a position such as to hold the hatch (40) in the closed position, and releasing the hatch (40) by pivoting towards the inside of the packaging when released from the locking means, the device (1) also including a cover (80) that is separate from the body (2) and the arm (50) and is provided with a safety seal (100, 104) which must be broken during the first opening of the hatch (40), such that if the safety seal is intact, it guarantees that the packaging has never been opened before, since the seal is part of said locking means. The hatch (40) is provided with a second hole (70) which connects the inside and outside of the packaging, and the arm (50) is provided with a seal (57) which sealingly plugs the second hole (70) when the arm (50) engages with the locking means such that, in the closed position, the device (1) sealingly closes the packaging, the seal (57) unplugging the second hole (70) when the arm (50) is released from the locking means and the pivoting angle β of the arm relative to its closed position is greater than a strictly positive threshold angle β_0 .

IPC 8 full level

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CPC (source: EP US)

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