

Title (en)

METHOD AND APPARATUS FOR USE IN DE-PACKAGING PACKAGED GOODS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSPACKEN VON VERPACKTEN GÜTERN

Title (fr)

PROCEDE ET DISPOSITIF UTILES DANS LE DECONDITIONNEMENT DE MARCHANDISES EMBALLEES

Publication

**EP 0839108 A1 19980506 (EN)**

Application

**EP 96924064 A 19960710**

Priority

- GB 9601668 W 19960710
- GB 9514804 A 19950719

Abstract (en)

[origin: WO9703883A1] Apparatus for a process of recovering e.g. cigarettes from faulty flip-top packets includes a rotary sorter (II) operable on packets delivered thereto to unscramble them and deliver them in a common orientation for onward feeding on edge in a direction lengthwise of the packets to a slitter (III). The slitter makes a shallow lengthwise cut in each of the front and rear or major faces of each packet which is then conveyed to an impactor unit (IV). The latter functions to strike the slit packet causing it to burst open. The burst packet, cigarettes and packaging fragments are thereafter transported to a rotary, inclined screening drum (VI) having slats spaced apart sufficiently to pass cigarettes only, for the cigarettes to be separated from the packaging. The cuts made by the slitter are too shallow to cut into the product, i.e. cigarettes.

IPC 1-7

**B65B 69/00**

IPC 8 full level

**B65B 69/00** (2006.01)

CPC (source: EP KR)

**B65B 69/00** (2013.01 - KR); **B65B 69/0033** (2013.01 - EP)

Citation (search report)

See references of WO 9703883A1

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**WO 9703883 A1 19970206**; AU 6464596 A 19970218; DE 69602601 D1 19990701; DE 69602601 T2 19991028; EP 0839108 A1 19980506; EP 0839108 B1 19990526; ES 2132932 T3 19990816; GB 9514804 D0 19950920; KR 100331389 B1 20021019; KR 19990028939 A 19990415

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