

Title (en)

DISPOSABLE, AUTOMATIC, AND ENVIRONMENTALLY SAFE PACKAGING BOX

Title (de)

WEGWERFBARE, AUTOMATISCHE UND UMWELTSCHONENDE VERPACKUNGSSCHACHTEL

Title (fr)

BOÎTE D'EMBALLAGE JETABLE, AUTOMATIQUE ET RESPECTUEUSE DE L'ENVIRONNEMENT

Publication

**EP 2656742 A1 20131030 (EN)**

Application

**EP 11851615 A 20110503**

Priority

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- CN 2011000779 W 20110503

Abstract (en)

A disposable, automatic, and environmentally safe packaging box, which includes a box body (1), a cigarette outlet (10) located on the top of the box body (1), a mechanism (2) for controlling extension and retraction of cigarette located inside the box body (1) and on the same side of the cigarette outlet (10), and a cigarette-pushing mechanism (3) disposed inside the box body (1) and on the opposite side of the cigarette outlet (10). The cigarette-pushing mechanism (3) includes a bottom plate (30), a V-shaped bend (31) and a U-shaped cigarette-pushing plate (32). One end of the V-shaped bend (31) is movably fixed on the cigarette-pushing plate (32), and the other end of the V-shaped bend (31) is movably fixed on the bottom plate (30). A snap-fit (33) is provided on the bottom plate (30), and a groove (34), through which the snap-fit (33) passed, is provided on the cigarette-pushing plate (32). The bottom plate (30) and the cigarette-pushing plate (32) form an integrated structure through the engagement of the snap-fit (33) and the groove (34). The cigarette outlet (10) is provided with an elastic plastic sheet for dustproof and moisture proof.

IPC 8 full level

**A24F 15/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012083575A1

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DOCDB simple family (publication)

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