

Title (en)

Apparatus and method for producing corrugated-paperboard box

Title (de)

Verfahren und Vorrichtung zur Herstellung von Wellpappschachtel

Title (fr)

Procédé et machine pour la fabrication de boîtes en carton ondulé

Publication

**EP 1110709 A3 20020710 (EN)**

Application

**EP 00104823 A 20000306**

Priority

KR 19990059792 A 19991221

Abstract (en)

[origin: EP1110709A2] Disclosed are an apparatus and a method for producing a corrugated-paperboard box. The apparatus is characterized by: feeding means(30, 40; 32, 42) for feeding a corrugated paperboard (10); printing means for printing a predetermined pattern on the corrugated paperboard(10) which is fed by the feeding means(30, 40; 32, 42); creasing and slotting means for forming at least one main crease and at least one slot on the corrugated paperboard(10) which is printed with the predetermined pattern by the printing means; preliminary crease forming means(34, 44) disposed upstream of the creasing and slotting means, for forming a plurality of preliminary creases along the same linear region on the corrugated paperboard(10) in a multi-stepwise manner such that the plurality of preliminary creases are gradually decreased in their widths and each preliminary crease has a width which is no less than that of the main crease, the main crease being formed on the last preliminary crease of the plurality of preliminary creases; and folding and gluing means for folding and gluing a corrugated-paperboard box blank which is formed with the main crease and the slot by the creasing and slotting means, thereby enabling the production of the corrugated-paperboard box. <IMAGE>

IPC 1-7

**B31B 1/02**; **B31B 1/25**

IPC 8 full level

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Citation (search report)

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