

Title (en)
MACHINE FOR ASSEMBLING A CARDBOARD BOX

Title (de)
MASCHINE ZUM FALTEN EINES KARTONS

Title (fr)
MACHINE DE MONTAGE DE BOÎTES EN CARTON

Publication
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Application
EP 11795228 A 20110415

Priority
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Abstract (en)
The invention relates to a machine for assembling a cardboard box including an initial device for placing the laminar bodies on horizontal guides, the sides of which include a front device that acts on each laminar body, raising the structure thereof in order to begin assembling the box, and a rear device that assembles the bottom of the box, first folding the inner flaps and then the outer flaps on top of the former, joining said flaps by means of an adhesive. The invention is characterized in that the rear device includes a scissor mechanism (6) defined from a linearly moveable head (19), to which two mobile arms (20) are separately linked, the oscillating movements of which are guided by means of inner rails (23) linked to arched grooves (21), the front ends of said mobile arms (20) including roller guides (25) that contact the inner flaps (5) during the folding down of same in one of the assembly stages of the bottom of the box (3).

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Citation (search report)
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Cited by
CN103481543A

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