

Title (en)

A MULTIFUNCTIONAL MACHINE FOR THE JOINING CALENDERING, CUTTING AND REWINDING OF FILMS

Title (de)

VIELZWECKSVORRICHTUNG ZUM VERBINDEN, KALANDERN, SCHNEIDEN UND WIEDER AUFWICKELN VON FOLIENBAHNEN

Title (fr)

MACHINE MULTIFONCTIONS POUR LE CALANDRAGE, LA COUPE ET LE REMBOBINAGE DE FILMS

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Application

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Abstract (en)

[origin: WO9402309A1] A multifunctional machine for the joining, calendering, cutting and rewinding of two or more adhesive or nonadhesive paper or plastic films, in particular but not exclusively, for the automatic joining of adhesive application tape (3) to sheets (12) of cut out labels. The tape (3) unrolled from a reel (2) mounted on a first idle support (1) is cut by a longitudinal cutter (8) at a pre-established width and pulled by a roller (4) towards a feeder (11) of the sheets (12) to which it is joined and subsequently pressed together by a calender (15). Downstream from the calender a transversal cutter (20) is provided for along with a conveyor belt (23) suited for the rapid withdrawal of the resulting sheets (26). The tape (3) advances intermittently in order to allow the cutter (20) to make cuts at precise lengths on the sheets (26) which are rapidly withdrawn by the conveyor belt (23). There is provided an auxiliary support (5) for the unrolling of a second reel (6) of tape (7) to be joined to tape (3) and to make possible the rewinding of the tape (3a) advanced on the first support (1) following the longitudinal cut made by the cutter (8).

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