

Title (en)
PROCESSING UNIT OF A CONTINUOUS-STRIP SUPPORT AND MACHINE FOR PRODUCING PACKAGING PROVIDED THEREWITH

Title (de)
VERARBEITUNGSEINHEIT MIT ENDLOSBANDAUFBLAGE, UND DAMIT AUSGESTATTETE MASCHINE ZUR HERSTELLUNG VON VERPACKUNGEN

Title (fr)
UNITE DE TRANSFORMATION D'UN SUPPORT EN BANDE CONTINUE ET MACHINE DE PRODUCTION D'EMBALLAGES AINSI EQUIPEE

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Application
EP 14726326 A 20140522

Priority
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Abstract (en)
[origin: WO2014191095A1] A transformation unit transforming a first substrate in a continuous band (2) into a second substrate in the form of transformed pieces with a predetermined length (3), the band (2) having a constant entry speed, comprises a first motorized arrangement (4) for performing a first feed driving (F) of the band (2), a sheet cutter (12) with rotary tools (13, 14) for cutting the band into pieces (3), a second motorized arrangement (17) for performing a second feed driving of the substrate (2, 3), positioned in the immediate vicinity of the sheet cutter (12), and at least one station (21, 22, 23) with rotary tools (26, 27, 28, 29, 32, 33) to transform the pieces (3). A speed of rotation (38, 41) of the second arrangement (17) varies during a rotation cycle of the tools (13, 14) of the sheet cutter (12), having a constant tangential speed phase (46) substantially equal to the speed of rotation of the tools (13, 14) of the sheet cutter (12), during which the cutting is done, a speed decrease phase (43), during which a band length (2), depending on the difference between the length of the piece (3) and a development of the tools (26, 27, 28, 29, 32, 33), is kept upstream from the second arrangement (17), and a speed increase phase (44), during which the substrate (2, 3) is discharged downstream from the second arrangement (17).

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