

Title (en)
PACKER MACHINE AND WRAPPING METHOD TO PRODUCE A RIGID PACK FOR SMOKING ARTICLES WITH A SEALED INNER WRAP

Title (de)
VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN ZUR HERSTELLUNG EINER STEIFEN VERPACKUNG FÜR RAUCHARTIKEL MIT VERSIEGELTER INNERER UMHÜLLUNG

Title (fr)
MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE POUR PRODUIRE UN PAQUET RIGIDE POUR ARTICLES À FUMER PRÉSENTANT UNE ENVELOPPE INTÉRIEURE ÉTANCHE

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Application
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Abstract (en)
A packer machine (22) and wrapping method to produce a rigid pack (1) for smoking articles having: a sealed wrap (3), which is obtained by folding a wrapping sheet (10) around a group (6) of smoking articles, and an outer container (2), which is obtained by folding a blank (21) around the sealed wrap (3). The following are provided: a forming conveyor (26), which moves at least a first pocket (25) along a forming path (PI); a wrapping conveyor (27), which is designed to move the group (6) of smoking articles and the wrapping sheet (10) along a first straight and horizontal wrapping path (P2) so as to at least partially fold the wrapping sheet (10) around the group (6) of smoking articles; a first transfer station (S2), where the group (6) of smoking articles is directly transferred from the first pocket (25) of the forming conveyor (26) to the first wrapping conveyor (27); a first feeding station (S3), which is arranged downstream of the first transfer station (S2) and where the wrapping sheet (10) is coupled to the group (6) of smoking articles moving along the first wrapping path (P2); a wrapping drum (30), which supports at least one second pocket (31) designed to contain the sealed wrap (3) being formed and is mounted so as to rotate around a vertical rotation axis (32) in order to move the second pocket (31) along a second wrapping path (P3) with a circular shape; a second transfer station (S4), where the sealed wrap (3) being formed is directly transferred from the first wrapping conveyor (27) to the second pocket (31) of the first wrapping drum (30); and at least one sealing device (34; 62), which is arranged along the second wrapping path (P3) downstream of the second transfer station (S4) and is configured to seal overlapping portions of the wrapping sheet (10) in the area of a lower wall of the sealed wrap (3) being formed.

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Citation (applicant)
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