

Title (en)

PACKER MACHINE AND WRAPPING METHOD TO COUPLE AN INNER FRAME TO TWO GROUPS OF SMOKING ARTICLES

Title (de)

VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN ZUM VERBINDEN EINES INNEREN RAHMENS MIT ZWEI GRUPPEN VON RAUCHARTIKELN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE POUR COUPLER UN CADRE INTERNE À DEUX GROUPES D'ARTICLES À FUMER

Publication

EP 4289752 A1 20231213 (EN)

Application

EP 23177280 A 20230605

Priority

IT 202200012002 A 20220607

Abstract (en)

Packer machine and wrapping method to couple an inner frame (8) to two groups (5) of smoking articles having two main walls (9, 10) and two dividing walls (12) interposed between the main walls (9, 10). The following are provided: a seat (22) designed to hold the inner frame (8) in a spread condition; a conveyor (21), which moves the seat (22) along a feeding path (P1); a pocket (24) designed to house the inner frame (8) in an at least partially folded condition; an input station (S4) arranged along the feeding path (P1) and configured to feed the spread inner frame (8) to the seat (22) of the conveyor (21); and a transfer station (S5) arranged along the feeding path (P1) and configured to transfer the inner frame (8) from the seat (22) to the pocket (24). The seat (22) of the conveyor (21) is designed to only hold the inner frame (8) in a spread condition, so that the inner frame (8) reaches the transfer station (S5) in a spread condition. The transfer station (S5) has a transfer device (25) configured to transfer the inner frame (8) from the seat (22) to the pocket (24), simultaneously folding the inner frame (8).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 2008935 A1 20081231 - GD SPA [IT]
- EP 3643626 B1 20210707 - FOCKE & CO [DE]
- US 5461842 A 19951031 - BRIZZI MARCO [IT], et al
- WO 2019162982 A1 20190829 - GIMA TT S P A [IT]

Citation (search report)

- [A] WO 2019162982 A1 20190829 - GIMA TT S P A [IT]
- [A] US 5461842 A 19951031 - BRIZZI MARCO [IT], et al
- [A] EP 3643626 B1 20210707 - FOCKE & CO [DE]
- [A] WO 7900102 A1 19790308 - FOCKE & CO [DE], et al

Citation (third parties)

Third party : MEISSNER BOLTE

- WO 2019162982 A1 20190829 - GIMA TT S P A [IT]
- EP 3643626 B1 20210707 - FOCKE & CO [DE]
- DE 102015010493 A1 20170223 - FOCKE & CO (GMBH & CO KG) [DE]
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- DE 102014009283 A1 20151001 - FOCKE & CO [DE]
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- EP 2125573 B1 20110316 - FOCKE & CO [DE]
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- DE 102018126538 A1 20200430 - FOCKE & CO [DE]
- CN 108725869 A 20181102 - SHANGHAI TOBACCO MACHINERY CO LTD

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