

## 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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## 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]
- WO 2017216160 A1 20171221 - GIMA TT S P A [IT]
- DE 102014009283 A1 20151001 - FOCKE & CO [DE]
- EP 0869065 A1 19981007 - FOCKE & CO [DE]
- EP 2125573 B1 20110316 - FOCKE & CO [DE]
- DE 102014010422 A1 20160121 - FOCKE & CO [DE]
- DE 102018126538 A1 20200430 - FOCKE & CO [DE]
- CN 108725869 A 20181102 - SHANGHAI TOBACCO MACHINERY CO LTD

## Designated contracting state (EPC)

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## Designated extension state (EPC)

BA

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