

Title (en)  
A GROUPING UNIT AND METHOD TO FORM A GROUP CONSISTING OF TWO WRAPS, EACH CONTAINING A GROUP OF SMOKING ARTICLES

Title (de)  
GRUPPIERUNGSEINHEIT UND VERFAHREN ZUR BILDUNG EINER GRUPPE BESTEHEND AUS ZWEI UMHÜLLUNGEN MIT JEWEILS EINER GRUPPE VON RAUCHARTIKELN

Title (fr)  
UNITÉ DE GROUPE ET PROCÉDÉ POUR FORMER UN GROUPE CONSTITUÉ DE DEUX EMBALLAGES CONTENANT CHACUN UN GROUPE D'ARTICLES À FUMER

Publication  
**EP 4079648 B1 20240410 (EN)**

Application  
**EP 22169305 A 20220421**

Priority  
IT 202100010193 A 20210422

Abstract (en)  
[origin: EP4079648A1] A grouping unit (C) and a grouping method to form a group consisting of two wraps (3), each containing a group (14) of smoking articles. There are provided: two pockets (48, 49), each of which is designed to accommodate a respective wrap (3); two output stations (S8, S9); an input station (S7) arranged between the two output stations (S8, S9); an insertion device (50) which is designed to insert a single wrap (3) into a first pocket (48) standing in the input station (S7) or into a second pocket (49) standing in the input station (S7); an extraction device (51), which is designed to extract one single wrap (3) from the first pocket (48) standing in a first output station (S8) or from the second pocket (49) standing in a second output station (S9), which is opposite the first output station (S8) relative to the input station (S7); and a moving device (52), which is designed to move, along a moving direction (D1), the first pocket (48) between the input station (S7) and the first output station (S8) and, simultaneously, is designed to move the second pocket (49) between the second output station (S9) and the input station (S7) so that in the input station (S7) there always is one pocket (48, 49), while the other pocket (49, 48) is in one of the two output stations (S8, S9).

IPC 8 full level  
**B65B 35/40** (2006.01); **B65G 47/08** (2006.01); **B65G 47/82** (2006.01); **B65B 19/02** (2006.01); **B65B 19/20** (2006.01); **B65B 35/20** (2006.01)

CPC (source: EP)  
**B65B 35/405** (2013.01); **B65B 19/025** (2013.01); **B65B 19/20** (2013.01); **B65B 35/205** (2013.01); **B65B 2230/04** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 4079648 A1 20221026**; **EP 4079648 B1 20240410**; IT 202100010193 A1 20221022

DOCDB simple family (application)  
**EP 22169305 A 20220421**; IT 202100010193 A 20210422