

Title (en)  
PACKAGING PROCESS IN A PACKAGING MACHINE OF GROUPS OF CANS

Title (de)  
VERPACKUNGSPROZESS IN EINER VERPACKUNGSMASCHINE VON DOSENGRUPPEN

Title (fr)  
PROCÉDÉ D'EMBALLAGE DANS UNE MACHINE D'EMBALLAGE DE GROUPES DE BOÎTES

Publication  
**EP 3889054 B1 20240522 (EN)**

Application  
**EP 21162610 A 20210315**

Priority  
IT 202000007006 A 20200402

Abstract (en)  
[origin: EP3889054A1] A packaging process in a packaging machine of groups of cans to form a package (35) by applying a blank (14) made of cardboard or the like, wherein each blank (14) is flat, shear-printed or with the use of dies to generate at least two openings (15) arranged consecutively for a group (13) of cans (11) comprising at least two cans (11) aligned consecutively, wherein each blank (14) is fed continuously from a deposit (16) and said cans (11) are continuously moved forwards, the process comprising the following steps:- feeding said blanks (14) consecutively according to at least two independent paths (A,B);- feeding said groups (13) of cans (11) in a single further path (C), wherein each group (13) of cans (11) comprises at least two cans (11) aligned consecutively;- withdrawing at least one pair of consecutive blanks (14) from each of said at least two paths (A,B) by means of at least one manipulator (21,22);- depositing said at least one pair of blanks (14) withdrawn from each of said at least two paths (A,B) on groups (13) of cans (11) by means of said at least one manipulator (21,22);- inserting each blank (14) deposited on a respective group of cans by means of pressing elements (33) which are caused to press said openings (15) of said blank (14) on upper edges of said cans (11) of said group (13).

IPC 8 full level  
**B65B 17/02** (2006.01); **B65B 35/40** (2006.01); **B65B 43/18** (2006.01)

CPC (source: EP)  
**B65B 17/025** (2013.01); **B65B 35/405** (2013.01); **B65B 43/185** (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 3889054 A1 20211006; EP 3889054 B1 20240522; IT 202000007006 A1 20211002**

DOCDB simple family (application)  
**EP 21162610 A 20210315; IT 202000007006 A 20200402**