

Title (en)

DEVICE AND METHOD FOR THE PREPARATION OF SHRINK FILM CONTAINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON FOLIENSCHRUMPFGEBINDEN

Title (fr)

DISPOSITIF ET PROCEDE DE FABRICATION DE GERBES DE FILM RETRACTABLE

Publication

EP 3070009 B1 20180117 (DE)

Application

EP 16156254 A 20160218

Priority

DE 102015103919 A 20150317

Abstract (en)

[origin: CN105984601A] A device and a method for manufacturing a shrink film package (38) formed by a combined product or a container (12) group (10) are disclosed. a film applying device (16) is distributed for a transportation path (14) and used for covering a corresponding product or container group (10) with a film section (20) along the transportation direction (18) to form a lap joint zone (22) and an overlap joint sheet (24) protruding the product or container group (10) at the edge side of a cross section. A mechanical folding element (26) is used for overlapping two overlap joint sheets (24) transversally protruding out of adjacent products or containers, wherein an opening (32) is formed between end edges (30) pointing each other of the overlap joint sheets (24). In a heating path section (34), the folded overlap joint sheets (24) are maintained at corresponding positions, and a film covering part (20) is loaded by hot air to form the shrink film package (38). For fixing the folded overlap joint sheets (24) and/or maintaining the overlap joint sheets (24) at the folding position, the mechanical folding element (26) extends to the heating path section (34) at least from a partial section (42) having a specified length (44a, 44b).

IPC 8 full level

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CPC (source: CN EP)

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