

Title (en)

CONVEYOR ASSEMBLY FOR ORIENTING AND GROUPING TOGETHER FLAT BAKING PRODUCTS FOR THE PURPOSE OF PACKAGING STACKS OR ROLLS OF FLAT BAKING PRODUCTS BY A PACKAGING MACHINE

Title (de)

FÖRDERANLAGE ZUM AUSRICHTEN UND GRUPPIEREN VON FLÄCHIGEN BACKPRODUKTEN ZUM ZWECKE DES VERPACKENS VON STAPELN ODER ROLLEN VON FLÄCHIGEN BACKPRODUKTEN IN EINER VERPACKUNGSMASCHINE

Title (fr)

TABLE DE TRAVAIL ET DE CONDITIONNEMENT POUR ORIENTER ET GROUPE DES PRODUITS DE CUISSON DANS LE BUT D'EMBALLER DES PILES OU DES ROULEAUX DE PRODUITS DE CUISSON PAR UNE MACHINE D'EMBALLAGE

Publication

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Application

**EP 21719293 A 20210413**

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Abstract (en)

[origin: WO2021210977A1] The present invention provides a conveyor assembly for orienting and grouping together flat baking products for the purpose of packaging stacks or rolls of flat baking products by a packaging machine, the conveyor assembly at least comprising a first conveying device, a first transfer device, a forming plate and a second conveying device, wherein the first conveying device is configured to receive the plurality of flat baking products from a supply in a supply pattern, wherein the flat baking products, in the supply pattern, have a flat orientation with regard to the conveying plane of the first conveying device, and wherein the first conveying device is configured to form partial stacks of flat baking products from the plurality of flat baking products; the first transfer device is configured to simultaneously transfer a group of partial stacks into the forming plate; the forming plate comprises a number of parallel grooves which corresponds to the groups of partial stacks and is configured to form one or more stacks or rolls of flat baking products by moving the groups of partial stacks through the grooves; the second conveying device is configured to receive the stacks or rolls of flat baking products from the forming plate and transport the stacks or rolls of flat baking products to the packaging machine, and wherein the second conveying device is furthermore configured to adjust the intermediate distance and speed of stacks or rolls of flat baking products, wherein the intermediate distance and speed are determined by the packaging machine.

IPC 8 full level

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