

Title (en)
Lifting device

Title (de)
Hebevorrichtung

Title (fr)
Dispositif de soulèvement

Publication
EP 1355279 A1 20031022 (FR)

Application
EP 02290975 A 20020416

Priority
EP 02290975 A 20020416

Abstract (en)
The lifting mechanism includes a support plate through which lifting bars (5) pass. The bars are arranged to pivot, so that when moved they act to separate bread from the plates on which it has been supported in an automatic handling system. The lifting mechanism for products held on a support plate includes a lifting bar (5) arranged such that it passes through a slot (4) formed in the plate. The plate on which the items are carried is plane, with an upturned edge (3), with the slots in the plate extending through the plane region. The lifting bars pivot about an axis (6) perpendicular to the slots, situated beneath the supporting plane of the plate. A number of the lifting bars may be coupled to a linked lever system, so that they may be operated simultaneously. Once the lifting mechanism has been operated, separating the item from the supporting plate, the item may then slide off the plate as part of a mechanised transport system.

Abstract (fr)
L'invention concerne un dispositif de soulèvement d'un produit placé sur une plaque (1), dans lequel la plaque (1) est munie d'au moins une fente (4) et d'au moins un élément de soulèvement (5) disposé de telle sorte qu'il peut passer au travers de la fente (4) pour soulever un produit placé à cheval sur ladite fente (4). Ce dispositif est particulièrement destiné à décoller un produit de la plaque sur laquelle il est entreposé afin de permettre son déplacement, par exemple par glissement. <IMAGE>

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G07F 11/00

IPC 8 full level
G07F 11/00 (2006.01)

CPC (source: EP US)
G07F 11/46 (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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