

Title (en)

Sampling method for flat products carried by conveyor and apparatus therefor.

Title (de)

Einrichtung und Verfahren zur Probeentnahme von flachen Produkten, die von einer Förderanlage getragen werden.

Title (fr)

Procédé et appareil de prélèvement d'échantillons de produits plats entraînés par un convoyeur.

Publication

EP 0613847 A1 19940907 (EN)

Application

EP 94102908 A 19940225

Priority

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Abstract (en)

An apparatus for sampling from a conveyor (1) part of flat products (4) placed on the conveyor and carried in a manner to be shifted in the carrying direction and to be exposed at the edges (5) on the downstream side of the carrying direction, includes a means (3) for detecting one of the edges (5) of the flat products (4) carried by the conveyor (1); a knife (9) inserted between the flat products (4) from the edge (5) detected by the edge detecting means (3), a means (53) for clamping the flat products (4) piled on the upper surface of the inserted knife (9) on the knife; and a knife moving means (8) for sampling the flat products (4) clamped by the knife (9) from the conveyor (1). Also the present invention relates to a method of sampling part of flat products (4) from a conveyor (1). <IMAGE>

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IPC 8 full level

B65H 29/58 (2006.01)

CPC (source: EP)

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Citation (search report)

- [XY] EP 0116015 A1 19840815 - FERAMATIC AG [CH]
- [X] EP 0326532 A1 19890802 - WAMAC AB [SE]
- [YA] DE 2346898 A1 19740328 - AHLEN & AKERLUNDS FORLAGS AB
- [A] DE 3732589 A1 19880908 - POLYGRAPH LEIPZIG [DD]
- [A] US 4072060 A 19780207 - KITAI MITSUO, et al

Cited by

EP1914165A1; EP1834913A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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