

Title (en)
Feeding device

Title (de)
Vorschubeinrichtung

Title (fr)
Dispositif d'alimentation

Publication
EP 0933173 A3 20000405 (EN)

Application
EP 98850142 A 19980914

Priority
SE 9703318 A 19970912

Abstract (en)
[origin: EP0933173A2] The present invention relates to a method and a device for synchronised feeding of food products, to a downstream processing device. The method comprises the steps of arranging the product to be fed on a slidable product carriage, which carriage is arranged on slide rails for sliding motion thereupon, in a feed direction M, and positioning the carriage in an initial position remote from that end to which the products are to be fed. The method is characterised by the step of driving at least one feed member in a reciprocating motion, in synchronisation with the operating cycle of the processing device, said slidable carriage being brought along, optionally, in said motion in the feed direction M, by bringing at least one locking member arranged on the slidable carriage into locking engagement with the feed member when said member is moved forward in the feed direction, said locking member being released from its locking engagement when said feed member is moved backwards against the feed direction. The device comprises a frame, a pair of parallel slide rails 8 on which a slidable carriage 3 is arranged for sliding forwardly feeding motion. It is characterised by a feed member which performs a reciprocating motion in synchronisation with the operating cycle of the processing device for related forward feeding of the slidable carriage 3, by locking member 2 provided on the carriage, with associated actuators for locking engagement with the feed member and an element which is fixed in relation to the frame respectively, and spring means biasing the feed member in the feed direction M. <IMAGE>

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B26D 7/06

IPC 8 full level
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B26D 7/0616 (2013.01)

Citation (search report)
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Cited by
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