

Title (en)
PACKAGING LINE FOR PRODUCTS IN BAGS

Title (de)
VERPACKUNGSSTRASSE FÜR PRODUKTEN IN BEUTELN

Title (fr)
LIGNE D'EMBALLAGE POUR PRODUITS DANS DES SACS

Publication
EP 3611099 A1 20200219 (EN)

Application
EP 18189504 A 20180817

Priority
EP 18189504 A 20180817

Abstract (en)
Described is a packaging line (1) for products in bags comprising: a feed unit (11), configured to receive a web to from a reel (12A) and for moving it along a feed path (P); a control unit (10), connected to the feed unit (11) for moving the web intermittently; a folding station (13), configured for folding the web about a folding line (131); a sealing station (14), configured for sealing the first and second flap of the web folded along sealing lines (14A); a cutting station (15), configured for cutting the packaging web and defining a plurality of packaging bags; a filling station (16), configured for filling with a product the plurality of packaging bags; a sealing station, configured for sealing the plurality of packaging bags. The feed unit (11) includes a first motor-driven roller (11A), for moving the web through the folding (13) and sealing (14) stations, by a first succession of forward movements (S1) with a first feed step, and a second motor-driven roller (11B), for moving the web by a second succession of forward movements (S2), with a second feed step. The line includes an adjustment unit (18), positioned between the first (11A) and the second (11B) motor-driven roller. The adjustment unit includes a tensioning element (181), operatively in contact with the web and movable between a first operating position (P1) and a second operating position (P2), and an actuator (182), connected to the tensioning element (181) for varying a position of the tensioning element (181), so as to vary the length of the feed path (P).

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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Citation (search report)
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• [A] US 6851593 B2 20050208 - WEBER PAUL A [US], et al

Citation (third parties)
Third party : anonymous
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CN113426698A

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