

Title (en)
COUPON INSERTING APPARATUS AND METHOD

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EINLEGEN VON COUPONS.

Title (fr)
APPAREIL ET PROCEDE D'INSERTION DE BONS.

Publication
EP 0472624 B1 19941228 (EN)

Application
EP 90908408 A 19900504

Priority
• US 9002501 W 19900504
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Abstract (en)
[origin: WO9013489A1] Apparatus (5) that uses the burster method for positioning coupons from a continuous web (46) at a predetermined time at a predetermined location for insertion is disclosed. Positioning rolls (48, 50) define a bight to receive the leading edge of a coupon (20) and are driven by positioning drive mechanism (58) at a continuous predetermined speed. Feeding roll mechanism (36, 38) located upstream of the positioning rolls (48, 50) in the excess of one coupon length are driven by intermittent feeding drive (56) at a speed substantially less than the speed of the positioning rolls (48, 50). Controller (70) actuates and deactuates the feeding drive mechanism (56) in response to timing device (24, 26) related to the position of a container (10) and coupon sensing device (62) at a sensing position between the positioning rolls (48, 50) and the feeding roll mechanism (36, 38).

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WO 9013489 A1 19901115; AT E116238 T1 19950115; AU 5668090 A 19901129; AU 644320 B2 19931202; CA 2013280 A1 19901108; CA 2013280 C 19940419; DE 69015631 D1 19950209; DE 69015631 T2 19950817; EP 0472624 A1 19920304; EP 0472624 A4 19920902; EP 0472624 B1 19941228; ES 2069078 T3 19950501; JP 2513929 B2 19960710; JP H04505306 A 19920917

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