

Title (en)
BAG DISPENSER

Publication
EP 0147287 B1 19891102 (FR)

Application
EP 84402567 A 19841212

Priority
• ES 276488 U 19831214
• ES 530794 A 19840309

Abstract (en)
[origin: EP0147287A2] 1. Machine for the dispensing of bags (3a, 3b), especially shopping bags, of the type comprising, on the one hand, a magazine space (19) or container (21) receiving a continuous tubular strip (3) of flexible material, such as plastic, wound or folded in a zigzag formation and equipped with apertures (22) or printed zones for their detection and with a series of welding lines and lines of dots (21) or weakening lines made previously and defining the bottoms and separations of the bags, said tubular strip (3) being driven as a result of its passage between at least two rollers (7, 8), one of which is driven by an electric motor (6) controlled by a micro-switch (5) detecting the passage of the bags (3a, 3b), and, on the other hand, a device (11) for separating these bags, characterized in that an electronic circuit (15) receiving the signal from a pushbutton (16) or from a switch connected to the keyboard of a payment register box, for the purpose of selecting the number of bags to be dispensed, triggers the functioning of the electric motor (6) actuating the draw roller (7) of the tubular strip (3), the circuit (15) possessing a member (5) detecting the passage of the bags, and the pushbutton (16) or the switch sending an electrical signal applied to a counting unit or to the register machine for the purpose of accounting and recording the number of bags dispensed and of cutting off, by means of the detection member (5), the current of the electric motor (6) actuating the draw roller (7) of the strip of bags (3), thereby stopping the bag-driving and supply cycle, and in that the device for separating the bags comprises means making it possible to exert on the last bag (3c) to be separated from the continuous strip (3) itself a series of pulls exerted successively at transversely aligned points, these pulls breaking successive segments of the line of dotted zones or of weakening zones which attaches the bag to the rest of the strip, until the complete separation of this bag is obtained.

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IPC 8 full level
B65B 43/12 (2006.01); **B65H 35/10** (2006.01); **G06M 3/02** (2006.01); **G07F 11/68** (2006.01)

CPC (source: EP)
B65B 43/12 (2013.01); **B65H 35/10** (2013.01); **G06M 3/02** (2013.01); **G07F 11/68** (2013.01)

Cited by
EP1925578A1; CN109697789A; FR2597078A1; EP0694891A1; FR2597079A1; GB2278828A; CN109830047A; CN109319566A; CN109979086A; WO9425942A1; WO2021165955A1; WO0212103A1

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