

Title (en)

Machine for withdrawing predetermined batches of flat objects, such as envelopes or sheets of paper, from a continuously forming row.

Title (de)

Maschine zum Entnehmen von vorbestimmten Stößen von flachen Gegenständen wie Umschlägen oder Papierblättern von einer ständig gebildeten Reihe.

Title (fr)

Machine pour retirer des lots prédéterminés d'objets plats, tels que des enveloppes ou des feuilles de papier, d'une rangée formée en continue.

Publication

**EP 0384255 A2 19900829 (EN)**

Application

**EP 90102661 A 19900212**

Priority

IT 4681489 A 19890221

Abstract (en)

The machine comprises a conveyor (30) for advancing the objects (3) in a continuous row in which they are orientated vertically and transversely: a parting means is provided consisting of two elongate parallel elements (11 min ) and (11 sec ) which when alongside each other define a pointed rod (11), said rod (11) being disposed on a transverse axis passing through the row (2) of objects (3); means (10) insert the pointed end of said rod (11) axially through the row (2) of objects and means (20) move the two elongate elements (11 min ) and (11 sec ) together and apart to define a gap which separates an end segment (2 min ) of the row from the remaining row portion (2 sec ); gripper means (40) are also provided comprising two jaws (41) and (42) for gripping said end row segment (2 min ); after the rod (11) has been inserted through the row (2) and the two elements (11 min ) and (11 sec ) have been moved apart, the gripper means (40) are moved towards the upper surface of the conveyor (30) to insert one jaw (41) into said gap; the elements (11 min ) and (11 sec ) are then extracted from the row (2) and the jaws (41) and (42) are clamped against the row segment (2 min ).

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IPC 8 full level

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Cited by

US5183247A; EP0739843A1; FR2733217A1; EP0553724A1; US5358232A; DE4117434A1; US5393196A; CN102887393A; FR2756817A1; ES2064222A2; CN102633153A; WO9825846A1; WO9221599A1; WO2022218612A1

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