

Title (en)

APPARATUS AND METHOD FOR CHANGING PAPER ROLLS IN A LABELLING MACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM WECHSELN VON BONROLLEN EINER ETIKETTIERMASCHINE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE CHANGEMENT DE ROULEAUX DE PAPIER THERMIQUE D'UNE ÉTIQUETEUSE

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Application

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Abstract (en)

[origin: CA2922741A1] In order to optimize a paper-roll change, the invention relates to an apparatus (1) for changing paper rolls (2, 2') in a labelling machine, having a first paper-roll receptacle (3), having a second paper-roll receptacle (4), having a shaft (4) that is movable back and forth along an axis (X), wherein the first paper-roll receptacle (3) has a first roll carrier (3.1) connected to a first end (5.1) of the shaft, said first roll carrier (3.1) being movable back and forth along the axis (X) between an unwinding position (I) and a transfer position (II), wherein the first roll carrier (3.1) has at least one clamping device (3.11) that is radially displaceable between a clamping position (a) and a releasing position (b) and has a contact face which is located radially further towards the outside in the clamping position (a) than in the releasing position (b), wherein the second paper-roll receptacle (4) has a second roll carrier (4.1) which is arranged in a storage position (A) coaxially with the first roll carrier (3.1), wherein in the transfer position (II), the first roll carrier (3.1) is arranged together with the clamping device (3.11) at least partially in the interior of the second roller carrier (4.1) arranged in the storage position (A), and in the unwinding position (I), the first roll carrier (3.1) is arranged together with the clamping device (3.11) at least partially outside the second roll carrier (4.1) arranged in the storage position (A). The invention also relates to a corresponding labelling machine and a corresponding method for changing paper rolls (2, 2').

IPC 8 full level

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