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(54) **Heat transfer printing device**

(57) It has some guides (1) along which runs a carriage (2) moved by a spindle (3) and thermal head (4) holder, under which has been provided a dye tape (12) and some rollers (20, 22), which by means of the head (4) permits the printing of a strip (13).

It is characterized in that it has a first ascending/descending means (8) that is related to a second ascending/descending means (9) in which the head (4) is indirectly fixed, in such a way that the operation of the first means (8) causes the head (4) to approach the dye tape and in this position the second means (9) is activated to carry out the stamping, in such a way that the path to be run by the head to carry out the printing is minimal, increasing the printing speed and smoothness.

Once the dye tape (12) has been used up, both means (8 and 9) are deactivated, the head separating to allow the replacement that is carried out by means of a detachable frame (19) in which the rollers (20, 22) are included.

It has automatic clutching means of the pull shaft of the device with the pull shaft of the detachable frame (19).

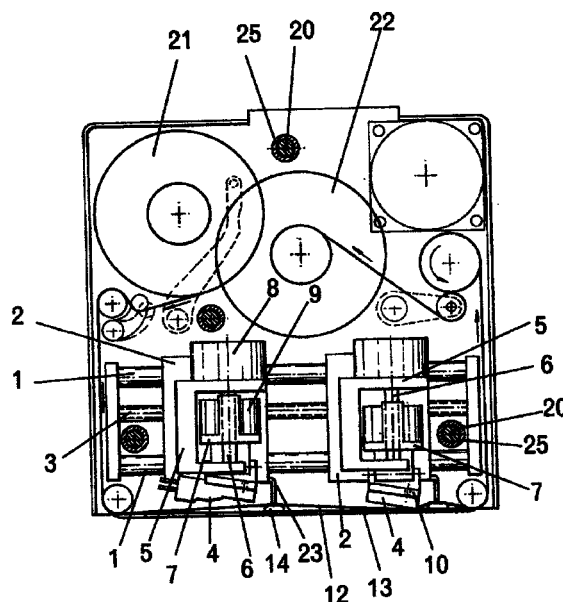


FIG. 1

EP 0 928 695 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 99 20 0018

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 27 September 2000	Examiner Widmeier, W
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (F04C01)

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