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(71) Applicant: **CEFLA SOCIETA' COOPERATIVA
40026 Imola (BO) (IT)**

(72) Inventors:

- Chiarini, Stefano
I-48017 CONSELICE, Province of Ravenna (IT)
- Pungetti, Cristian
I-40064 OZZANO DELL'EMILIA, Province of Bologna (IT)

(74) Representative: **Porsia, Attilio
Via Caffaro 3/2
16124 Genova (IT)**

(54) System for the conveyance and the support of rolls of flexible basically flat material for supplying a processing machine

(57) System and method for supporting and conveying rolls of flexible basically flat material for supplying machines for industrial processing, said system comprising:

a. a trolley (16), removable from the machine supplied by the roll itself, for the support of rolls, comprising: a shaft (17) to support said roll (14, 15), a frame (18), b. an active pivoting assembly (30), allowing the hooking of trolley (16) to the machine supplied by the trolley, aid assembly comprising a frame (31), a connecting flange (29), a rotating hub (34) and a connecting platform (35), **characterized in that**

said trolley (16) becomes active through to the connection to electric and/or pneumatic supply, realized fastening said trolley (16) to said pivoting assembly (30) and to said connecting flange (29).

Method for replacing rolls (14, 15) supplying machines for industrial processing, comprising a trolley (16) removable from the machine for the support of rolls, further comprising the following steps:

a. interrupting the supplying of the flexible basically flat material to the machine supplied by the roll itself; said supplying occurs keeping trolley (16) shaft (17) in a given direction, generally perpendicular to the moving forward direction of the flexible basically flat material;

characterized in that

b. said trolley (16) is extracted from the machine firstly rotating it thanks to the rotating hub (34) and then sliding it within pivoting assembly (30); said extraction occurs forming an angle equal or smaller than 60° between said shaft (17) of trolley and shaft (17) direction during step a).

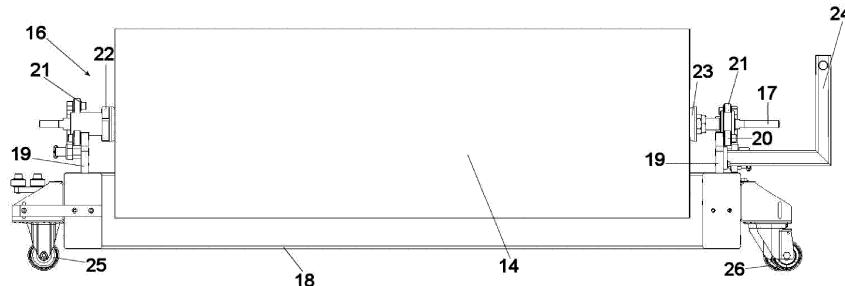


FIG. 5



EUROPEAN SEARCH REPORT

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EP 15 15 7041

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CATEGORY OF CITED DOCUMENTS			
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