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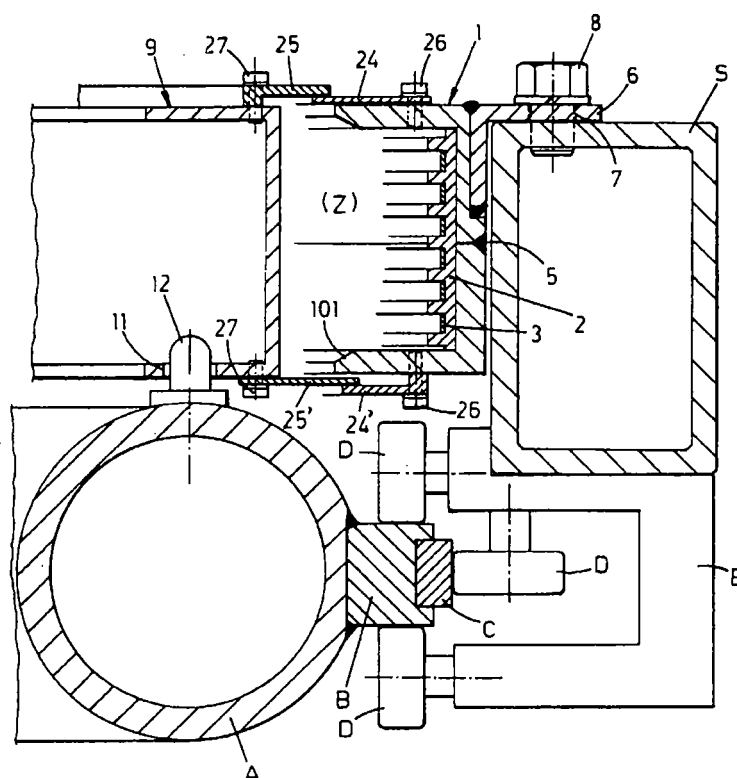
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(54) Title: **ELECTRICAL COLLECTOR FOR PALLETIZED LOADS WRAPPING MACHINES**

(57) **Abstract:** The collector comprises an annular stator structure (1) designed for coaxial fixing to the upward-and-downward moving annular structure (S) of the wrapping machine and having a U-shaped section which is rotated through 90° and in the cavity of which, directed towards the axis of this structure, an annular lining (2) of electrically insulating material is fixed, said lining supporting, on several levels and coaxially, the electrically conducting annular tracks (3) connected by means of respective electric cables (20) to the fixed electric power supply and control panel. The space circumscribed by the said stator structure houses an annular rotor structure (9) on which there is mounted the brush-holder (13) which co-operates with the said conducting and static tracks (3) and which is connected by cables (19) to the electrical appliances of the carriage mounted on the rotating ring (A) of the wrapping machine, to which the said rotor structure (9) is constrained by special joining means (11, 12). The two annular structures (1, 9) of the collector are connected together by rolling means (10) which secure them

in the coaxial and mutually rotating condition and are also connected by sealing means (24, 24', 25, 25') by means of which the toric chamber (Z), which is defined by the said structures and inside which the electrical circuit (3, 13) of the collector is located, is isolated from the external environment.

WO 01/86761 A1



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