

Title (en)  
STAPLING DEVICE

Title (de)  
HEFTKLAMMERGERÄT

Title (fr)  
DISPOSITIF D'AGRAFAGE

Publication  
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Application  
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Abstract (en)  
[origin: WO2023031109A1] The invention relates to a stapling device (10, 10'), comprising: - an anvil leg (12), which bears, in its front region (16), an anvil plate (18); - a staple magazine (24), which can be pivoted to a limited extent relative to the anvil leg (12) about a transverse axis (22) located in the rear region (20) of the anvil leg (12); - a driver (30) for carrying out stapling through a gap (28) at the front end (26) of the staple magazine (24), said gap being located above the anvil plate (18); and - an actuation apparatus (34) for acting upon the driver (30) toward the anvil plate (18) against the restoring force of a driver spring (48); wherein the actuation apparatus (34) has a solenoid (36) and a striking pin (40) for acting upon a driver anvil (46) fixedly connected to the driver (30), the striking pin being movable by means of the magnet coil (36), and wherein, between the gap (28) and the transverse axis (22), the staple magazine (24) is supported on the anvil leg (12) by means of a magazine spring (50). According to the invention, the magazine spring (50) is dimensioned such that, in the absence of external forces, the staple magazine (24) lies on the anvil leg (12) or on the anvil plate (18).

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