

Title (en)  
SPIRAL-COMPARTMENT STACKER

Title (de)  
SPIRALFACHSTAPLER

Title (fr)  
EMPILEUSE A COMPARTIMENTS EN SPIRALE

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Application  
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Abstract (en)  
[origin: WO2005066053A1] The invention relates to a spiral-compartment stacker for stacking sheets. Said stacker comprises a stacker wheel (1) comprising spiral stacker-wheel compartments (2) that are arranged around a rotational axis (3), each compartment being provided with a clamping finger (7) for braking and immobilising the sheet (100) that has been introduced into the stacker wheel and a device (4) for ejecting the sheet from the stacker-wheel compartments (2) as said wheel rotates about the rotational axis (3). According to the invention, each clamping finger (7) of the stacker is equipped with a cam (9) and a cam track (11), which are located in relation to one another and co-operate in such a way that the clamping fingers (7) are forced away from the sheets during the removal of the latter. The clamping force that acts on the sheet is thus suspended and the sheet can be removed from the stacker-wheel compartments without force.

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