

Title (en)  
MAGNETIC SPRING

Title (de)  
MAGNETISCHE FEDER

Title (fr)  
RESSORT MAGNÉTIQUE

Publication  
**EP 3781836 A1 20210224 (EN)**

Application  
**EP 19718896 A 20190416**

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Abstract (en)  
[origin: WO2019201907A1] Disclosed is a magnetic spring assembly (1, 101, 501, 601, 701, 801, 901) comprising a holder (4, 104, 604, 704, 804, 904), a first magnet arrangement (6, 106, 606, 706, 806, 906) configured to be moveable relative to the holder in a first direction, a second magnet arrangement (5, 105, 605, 705, 805, 905) configured to cooperate with the first magnet arrangement to generate a position-dependent force in the first direction, and a clamping mechanism (3, 103, 703, 803, 903) for clamping the second magnet arrangement to the holder. The clamping mechanism has a clamped state wherein a position of the second magnet arrangement is substantially fixed relative to the holder, and a released state, wherein the second magnet arrangement is moveable relative to the holder in the first direction.

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