

Title (en)
LOCKING MAGNET CLOSURE

Title (de)
RAST-MAGNET-VERSCHLUSS

Title (fr)
SERRURE À AIMANT D'ARRÊT

Publication
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Application
EP 09704283 A 20090127

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Abstract (en)
[origin: WO2009092368A2] The invention relates to a closure for closing preferably handbags, furniture, doors, and comparable objects, made of a first closure module and a second closure module having the following characteristics: a magnetic keeper design pulling the closure module 1 and the closure module 2 together in the direction of closure, closure module 1 and closure module 2 being rotatable or displaceable for opening in opening direction Y lateral to closing direction X, a locking device having at least one spring locking element made of an engaging protrusion and a spring, wherein the locking piece pushes to the spring locking element the side in a direction Z when closing and then engages with the engaging protrusion, and wherein, the locking piece and the spring locking element are pushed against each other from an engagement position to a non-engagement position when displacing the closure module 1 and the closure module 2 in the opening direction Y, wherein the spring of the spring locking element is designed and disposed so that it comprises a double function, namely that the spring deflects by bending lightly in the direction Z when closing, but the spring is rigid in bending under load on the closure opposite the closing direction X.

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Citation (search report)
See references of WO 2009092368A2

Cited by
EP4108124A1; DE102022206461B3; DE102021206640A1; DE102021208311B3; EP4124257A1; US11857033B2

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