

Title (en)
CARTRIDGE CORE

Title (de)
MECHANISMUS

Title (fr)
NOYAU DE CARTOUCHE

Publication
EP 3406161 A1 20181128 (EN)

Application
EP 17859360 A 20171128

Priority
• CN 201710230472 A 20170410
• CN 2017113353 W 20171128

Abstract (en)
Disclosed is a mechanism. The mechanism includes an inner-body and a spiral; limiting steps for limiting an axial movement of the spiral are provided on an outer wall of the inner-body; the spiral is provided with an annular elastic telescopic portion; and the elastic telescopic portion is provided with a plurality of grooved holes arranged along a circumferential direction of the elastic telescopic portion, thereby forming an oblique elastic deformation strip between adjacent grooved holes. According to the mechanism, by providing holes on a sidewall of the spiral to form the elastic telescopic portion, the mould opening is relatively easy and the manufacturing cost is low; the elastic deformation strip is provided obliquely, so to achieve the same telescopic amount of the spiral, the elastic deformation strip is required to have a relatively small deformation compared with the existing structure. Therefore, an irreversible deformation is not easily occurred.

IPC 8 full level
A45D 40/00 (2006.01)

CPC (source: CN EP)
A45D 40/00 (2013.01 - CN); **A45D 40/04** (2013.01 - CN); **A45D 40/06** (2013.01 - EP)

Cited by
CN111480991A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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