

Title (en)
SPRING-EFFECT HINGE ARRANGEMENT, FOR EXAMPLE FOR ONE-PIECE INJECTED PLASTIC CLOSURES

Title (de)
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Title (fr)
SYSTEME DE CHARNIERE A EFFET RESSORT, PAR EX. POUR SYSTEMES DE FERMETURE EN PLASTIQUE INJECTES EN UNE SEULE
PIECE

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Abstract (en)
[origin: WO9702189A1] The invention pertains to a spring-effect hinge arrangement without a main hinge with at least two hinge parts. One or more tilting stages (1) are arranged in series between the hinge parts. These tilting stages (1) each have at least two connecting elements formed in each case by one rigid pressure element (2, 2.2) and an elastic traction element (3, 3.2). The connecting elements are each secured by flexible connections (10) to intermediate limbs (20.1, 21.1) or directly to the hinge parts. At least one associated shear element (4.1, 4.2) ensures that the pressure and traction elements are positioned against each other so as to at least nearly provide shear resistance.

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