

Title (en)
ROTARY CLAMPING CLOSURE WITH PERCEPTIBILITY OF THE CLOSURE POSITION

Title (de)
DREHSPANNVERSCHLUSS MIT ERKENNBARKEIT DER VERSCHLUSSSTELLUNG

Title (fr)
FERMETURE À SERRAGE PAR ROTATION AVEC DÉTECTION DE LA POSITION DE FERMETURE

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Application
EP 11752525 A 20110831

Priority
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• EP 2011064993 W 20110831

Abstract (en)
[origin: WO2012034860A1] A rotary clamping closure having a closure housing which is fixed in an opening formed in a door or flap and in which a locking shaft, the free end of which bears a locking tongue, is arranged in a manner so as to be able to be rotated by means of a tool which is to be placed onto an actuating lug, and the locking tongue, in addition to the rotational movement thereof, is displaced by an axial distance during part of the rotational movement of the locking shaft, characterized in that the closure housing (11) contains a rotary clamping sleeve (16) which is rotatable therein and has a slotted guide (22) for a pin (21), which reaches through the locking shaft (17), for bringing about the axial displacement of the locking shaft (17) during rotation of the rotary clamping sleeve (16), and, in addition, an actuating shaft (30) which is both rotatable and is axially displaceable in the closure housing (11) and has the actuating lug (41), the actuating shaft being coupled in all positions to the rotary clamping sleeve (16) for conjoint rotation, wherein the actuating shaft (30) has a slotted guide (33) for a pin (31) which passes through the closure housing (11) and is intended for bringing about the axial displacement of the actuating shaft (30) upon rotation of the actuating shaft (30), and the pin (31) and slotted guide (33) are aligned with respect to each other in such a manner that, when the closure is open, the actuating shaft (30) protrudes with a portion (34) outwards beyond the closure housing (11) and, when the closure is completely closed, is flush with the closure housing (11) by rotation of the locking tongue (18) into the locking position thereof and axial prestressing of the locking shaft (17) by axial displacement thereof.

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