

Title (en)
OPEN LOCKING RING COMPRISING A SCREW LOCK

Title (de)
OFFENER SPANNRING MIT SCHRAUBENSCHLOSS

Title (fr)
COLLIER TENDEUR OUVERT PRESENTANT UN FERMOIR A VIS

Publication
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Application
EP 06707452 A 20060307

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Abstract (en)
[origin: WO2006094761A1] The invention relates to an open locking ring (14) comprising a screw lock which is used to connect pipes comprising end flanges or to fix covers to containers or the like. Said screw lock comprises a clamping screw which extends in the peripheral direction and is embodied as a double spindle (1), the ends of said clamping screw being provided with counterrotating threads (2, 3). Said threads (2, 3) engage in threaded plates (6, 10) with a right-handed inner thread (7) or a left-handed inner thread (11), the threaded plates (6, 10) being pivotably mounted in bearing blocks (15) connected to the ends of the clamping ring (14). The ends (13) of the clamping ring (14) are pulled together or pushed away from each other by actuating the double spindle (1). To this end, the double spindle (1) is provided with a central part (4) embodied as a hexagon such that a simple fork spanner (23) can be used to open or close the screw lock. The ends of the double spindle (1) are provided with inner hexagons (5) so that alternatively an Allen key (22) can be used to actuate the double spindle.

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