

Title (en)  
DIVERTER ASSEMBLY FOR SECURITY LOCKS AND RELATED LOCK

Title (de)  
UMLENKUNGSANORDNUNG FÜR SICHERHEITSSCHLÖSSER UND ENTSPRECHENDES SCHLOSS

Title (fr)  
ENSEMBLE DÉVIATEUR POUR SERRURES DE SÉCURITÉ ET SERRURE ASSOCIÉE

Publication  
**EP 4023841 C0 20231122 (EN)**

Application  
**EP 20217540 A 20201229**

Priority  
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Abstract (en)  
[origin: EP4023841A1] Diverter assembly (100, 200, 200', 300) for locks (400, 500) and lock (400, 500) comprising said diverter assembly (100, 200, 200', 300), said diverter assembly comprising: a casing (11, 21, 31), at least one bolt (13, 14, 23, 24, 33, 34, 33', 34') comprising: a hollow cylinder (13, 23, 33, 33') configured to move from a first position wherein it is inside the casing (11, 21, 31) to a second position wherein it is at least partially outside the casing (11, 21, 31), and a pin (14, 24, 34, 34'); a slider (15, 25, 35) comprising a plate provided with at least one slot (16, 26, 36, 36') for each cylinder (13, 23, 33, 33'), in said slot (16, 26, 36, 36') being engaged the pin (14, 24, 34, 34') of the bolt (13, 23, 33, 33', 14, 24, 34, 34'), said slider (15, 25, 35) being configured to translate from a first position wherein the pin (14, 24, 34, 34') is positioned at a first end (16', 26', 136, 136') of the slot (16, 26, 36, 36') to a second position wherein the pin (14, 24, 34, 34') is positioned at a second end (16'', 26'', 236, 236'') of the slot (16, 26, 36, 36'); the lateral surface of the cylinder (13, 23, 33, 33') being provided with two longitudinal slits (18, 18') diametrically opposed one to the other and configured in such a way that the plate of the slider (15, 25, 35) can slide in their interior; and the pin (14, 24, 34, 34') being mounted inside the cylinder (13, 23, 33, 33') so as to be parallel to the base surfaces of the cylinder (13, 23, 33, 33'), the slits (18, 18') and the pin (14, 24, 34, 34') being positioned in such a way that, when the slider (15, 25, 35) is in its first position, the cylinder (13, 23, 33, 33') is in its first position and, when the slider (15, 25, 35) is in its second position, the cylinder (13, 23, 33, 33') is in its second position.

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