

Title (en)  
PADLOCK

Title (de)  
VORHÄNGESCHLOSS

Title (fr)  
CADENAS

Publication  
**EP 4143405 A4 20240529 (EN)**

Application  
**EP 21796755 A 20210426**

Priority  
• SE 2050477 A 20200427  
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Abstract (en)  
[origin: WO2021221549A1] The present invention relates to a padlock (1) comprising a lock body (3), a shackle (5), a locking mechanism (10) for locking the shackle (5) to the lock body (3) and a selectively rotatable lock core (25) being arranged to operate said locking mechanism (10) and comprising at least three locking elements (51, 53, 55, 57, 59) which, when the locking mechanism is in a locked state, are aligned in a first direction. The padlock further comprises a rotatable member (29) being attached to said lock core (25) and comprising a retaining portion (31). The release cavity (33) is configured to allow movement of the first locking element (51) in a second direction, which is different from said first direction, from a locking position to a non-locking position in which the shackle (5) is disengaged from the lock body (3), thereby allowing withdrawal of the shackle (5).

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**E05B 15/006** (2013.01 - EP); **E05B 47/0611** (2013.01 - EP); **E05B 63/143** (2013.01 - EP); **E05B 67/00** (2013.01 - SE);  
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**E05B 2047/0084** (2013.01 - EP); **Y10T 70/413** (2015.04 - SE)

Citation (search report)  
• [A] WO 2012009607 A1 20120119 - MASTER LOCK CO [US], et al  
• [A] WO 2015045786 A1 20150402 - SEIKO CLOCK INC [JP]  
• See also references of WO 2021221549A1

Designated contracting state (EPC)  
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

DOCDB simple family (publication)  
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