Title (en)
    Padlock

Title (de)
    Vorhängeschloss

Title (fr)
    Cadenas

Publication
    EP 2333204 B1 20130703 (EN)

Application
    EP 09178740 A 20091210

Priority
    EP 09178740 A 20091210

Abstract (en)
    [origin: EP2333204A1] A padlock (1) comprising a body (2) in which a first seat (3) is formed to which a pivot (4) is slidingly associated, the body
    (2) and the pivot (4) being shaped in such a way so that together they form a ring that can be selectively opened and closed by way of the sliding of
    the pivot with respect to the body; in the body a cavity (12) is formed that is arranged transversally to the first seat (3) and communicates therewith,
    to which a pin (13) is slidingly associated and is adapted to abut against a first groove (14), that is provided within the pivot (4), to temporarily block
    the sliding of the pivot with respect to the first seat (3) in the condition in which the padlock is closed. One or more appendages (19) protrude about
    radially from the lateral surface of the pin (13) and interact with one or more cams (20) that are rotatably associated within the body (2) and that
    selectively interact with magnetic means (26) that are adapted to selectively modify the position of the cams (20) in order to either block or allow the
    pin (13) to slide within the cavity (12), and respectively block or unblock the sliding of the pivot (4) with respect to the first seat (3).

IPC 8 full level
    E05B 47/06 (2006.01); **E05B 37/14** (2006.01); **E05B 47/00** (2006.01); **E05B 67/22** (2006.01); **E05B 67/36** (2006.01)

CPC (source: EP)
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Cited by
    ITUB20155521A1; EP3741932A1; US11585119B2; WO2017008104A1; WO2013023794A3; EP4159959A1; DE102021125310A1;
    WO2018184070A1; US11391067B2; DE102022111846A1; WO2023217448A1

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