

Title (en)
Lock for doors and the like

Title (de)
Schloss für Türen und dergleichen

Title (fr)
Serrure pour portes et similaires

Publication
EP 0816608 A2 19980107 (EN)

Application
EP 96203549 A 19961216

Priority
IT MI961371 A 19960704

Abstract (en)
A lock (1) for doors and the like, having the advantage of being unusually smooth in use, comprises an elongate box-shaped body (2), a cylinder (10) that is rotatably supported in the box-shaped body (2) and designed to be made to rotate by a key, a carriage (11) that can move longitudinally inside the box-shaped body (2) under the action of the cylinder (10), and a bolt (4) that can move transversely inside the box-shaped body (2) under the action of the carriage (11) and by means of a right-angled turn mechanism (12), the said right-angled turn mechanism (12) comprising a spindle (13) that is rotatably supported in the box-shaped body (2), a pinion (14) and a toothed sector (16) that are fixed to the spindle (13), a rack (15) formed in the carriage (11) and meshing with the pinion (14) and a rack (17) formed in the bolt (4) and meshing with the toothed sector (16).
<IMAGE>

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E05C 9/04

IPC 8 full level
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CPC (source: EP)
E05B 63/0017 (2013.01); **E05C 9/041** (2013.01); **E05C 9/047** (2013.01); **E05B 15/0053** (2013.01); **E05B 59/00** (2013.01)

Cited by
FR2790027A1; EP1132555A3; CN102235119A; EP3805493A3

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