

Title (en)
Espagnolette bolting systems

Title (de)
Treibstangenverschluss

Title (fr)
Serrure à crémonne

Publication
EP 0859108 A1 19980819 (EN)

Application
EP 98301100 A 19980216

Priority
GB 9703256 A 19970217

Abstract (en)
An espagnolette bolting system for a door, window or like opening structure comprises a first bolt movable between an operative position and an inoperative position, a second bolt movable between an operative position and an inoperative position, a first rack member (4) arranged to move the first bolt between said operative and inoperative positions and vice versa, a second rack member (14) arranged to move the second bolt between said operative and inoperative positions and vice versa, a toothed quadrant (3) rotatably mounted in a case and arranged to engage with a first toothed rack (5) on the first rack member (4), a spindle (12) extending through the quadrant (3) and projecting from at least one side of the case, a handle or lever (16) mounted on a or the projecting end of the spindle (12) and a pinion (13) rotatably mounted in the case. Each of the rack members (4, 14) is provided with a slot and a toothed rack (7, 15) is provided on one side of each slot. The pinion (13) is located in the slots and is arranged to engage with the toothed racks (7, 15). When the spindle (12) is turned by the handle or lever (16), the quadrant (3) is rotated and, by virtue of its engagement with the rack (5), is effective to move the first rack member (4) which thus moves the first bolt. At the same time, movement of the first rack member (4) is effective cause the pinion (13) to rotate which in turn is effective to move the second rack member (14) which thus moves the second bolt. <IMAGE>

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E05C 9/04

IPC 8 full level
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