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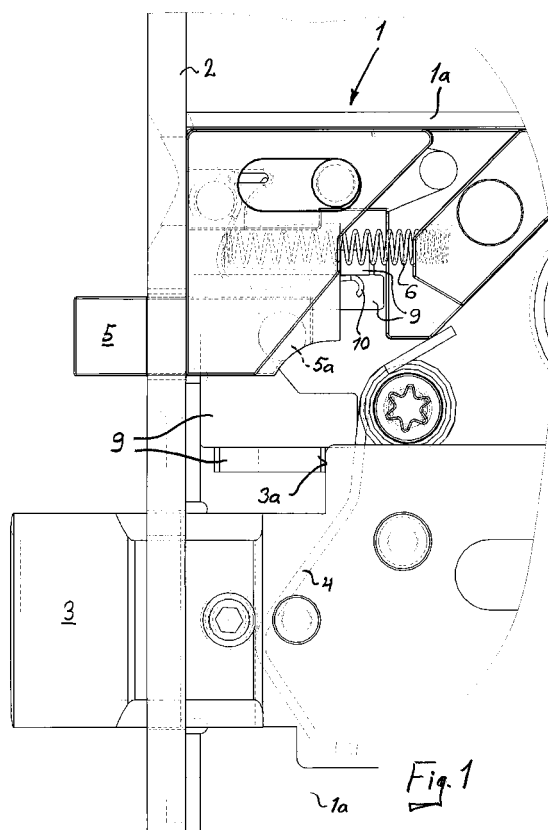
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(54) **Auxiliary bolt arrangement in a door lock**

(57) An auxiliary bolt arrangement in a door lock comprising a lock casing (1), which is provided with a latch bolt (3) spring-loaded to a protruding position and with an auxiliary bolt (5) spring-loaded to a protruding position for controlling the operation of the latch bolt and in which the latch bolt (3) has at least two different protruding positions with different extent of protrusion, whereby the auxiliary bolt arrangement is adapted to control the latch bolt (3) so that it allows the movement of the latch bolt (3) to its outermost protruding position only in case both the latch bolt (3) and the auxiliary bolt (5) are first moved into their retracted positions in the lock casing (1). The auxiliary bolt arrangement includes a restraining member (9), which the auxiliary bolt (5) in its protruding position is arranged to press against the force of a spring (10) to a position, in which the restraining member (9) prevents the movement of the latch bolt (3) to its outermost protruding position. In addition, the latch bolt (3) is adapted to retain the restraining member (9) in said position, if solely the auxiliary bolt (5) is being pressed inside the lock casing (1).





## EUROPEAN SEARCH REPORT

Application Number  
EP 07 10 3817

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                  |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Citation of document with indication, where appropriate, of relevant passages                                                     | Relevant to claim                | CLASSIFICATION OF THE APPLICATION (IPC) |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DE 100 63 784 A1 (WILKA SCHLIESTECHNIK GMBH) 27 June 2002 (2002-06-27)<br>* paragraph [0016] - paragraph [0028];<br>figures 3-9 * | 1-3                              | INV.<br>E05B63/20                       |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                  | E05B                                    |
| Place of search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   | Date of completion of the search | Examiner                                |
| The Hague                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | 23 February 2009                 | Perez Mendez, J                         |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                   |                                  |                                         |

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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