

Title (en)

Lock fitting and method for locking a window's outer sash

Title (de)

Verriegelungsbeschlag und Verfahren zum Verriegeln eines Aussenflügels eines Fensters

Title (fr)

Ferrure de verrouillage et procédé pour verrouiller le panneau extérieur d'une fenêtre

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Application

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Abstract (en)

In the locking method for a window's outer sash according to the invention the outer sash is locked into a stationary position by pressing the outer sash with the aid of a locking member against a frame profile on the outer surface of the window's frame. As the locking member the method utilises a lock fitting, which comprises a side part (10) substantially entirely countersunk into the window frame and a movable inner part (12) arranged within the side part. The side part contains a cylindrical wall (14) and a flange (16) at the end of the wall. The inner part has on one surface a disk-like piston (28) with a turning handle (30) for moving the inner part. By rotating the turning handle the inner part can be moved into an upper position where the turning handle is substantially entirely outside the side part, and into a lower position where the turning handle is substantially entirely within the side part. When the inner part is in the upper position, the end of the turning handle rests on the outer sash thereby preventing the sash from opening in the direction of the lock fitting. When one wants to open the window the inner part is moved into the side part, whereby the sash can be freely opened. In order to raise and lower the inner part the side part's wall has at least one groove (18) and the inner part has a pin (34) arranged in the groove and arranged to move within the groove. Thus a rotation of the turning handle causes the inner part to move in the direction of the central axis of the side part, guided by the pin and the groove. A lock fitting according to the invention is mounted in a circular mounting hole drilled in the window's frame. <IMAGE>

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