

ABSTRACT

Double Window Casements and Sliding Window

Two types of window are disclosed: a double-hinged, with a maximum of 180° revolving casement window and a maximum of 90° revolving inward sliding window. The casement window 1 comprises two window casements: outer casement 3 opens to a maximum of 90° outward and inner casement 4 which opens to a maximum of 90° inward. The outer casements 3 are mounted on the fixed window frame 2 through the mechanisms 9. The inner casements 4 are pivotally mounted to the outer casements 3 by the pivot pins 10 and revolve inward about the pivot pins 10. Sliding locks 6 are used for securing the inner casements 4 on the outer casements 3. Rods 7, which are mounted to the outer casements 3, are used to open and close the outer casements 3 with minimum force. Similar to the casement window 1, the sliding window 11 comprises sliding window frames 13, 14 and inner casements 4. The inner casements 4 are also pivotally mounted to the sliding window frames 13 and 14 by the pivot pins 10 and are able to revolve inward about the pivot pins 10.

Refer to FIG. 1 and FIG. 6.

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