

Title (en)
Window system for a building.

Title (de)
Fenstersystem für ein Gebäude.

Title (fr)
Système de fenêtre pour un bâtiment.

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EP 0397179 B1 19950222 (DE)

Application
EP 90108842 A 19900510

Priority
DE 3915569 A 19890512

Abstract (en)
[origin: EP0397179A2] A window system is proposed, in which motor-driven windows (41), which are both lockable and tiltable, are connected via microprocessors (43) to a monitoring centre (49), in which the locking and closing state of the individual windows (41) can be displayed via optical display devices (51, 57). The microprocessors (43) are arranged locally adjacent to the windows (41) and connected to a receiver (61) of a wireless remote control, via which the windows can be remote-controlled. The windows (41) are additionally controllable via an operating device (65) of the monitoring centre (49). The remote control device can on the one hand comprise portable transmitters (63) and on the other hand be provided with stationary transmitters (67) which control the windows (41) via sensors (69) according to room air parameters such as for example the relative humidity, the temperature or the CO₂ content of the air. The windows (41) have a locking drive integrated in the handle and a separate tilting drive. A central locking device, which locks the microprocessors (43), makes possible central locking of individual or all windows of the system. <IMAGE>
[origin: EP0397179A2] The window system has microprocessors (43) coupling the pivoted windows (41) to a central monitoring point (49) which incorporates an optical display for the closed and locked positions of each window (41). The microprocessors (43) lie adjacent the respective windows (41), each incorporating a receiver for remote control signals supplied by the central monitoring point (49), with auxiliary control of each window via a portable remote control transmitter (63) and via stationary control devices (67) receiving room parameter sensor signals. Pref. the sensors (69) detect the relative humidity, the temp. and/or the CO₂ content of the room air.

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IPC 8 full level
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Cited by
WO2006105790A1; CN106837049A; EP0610948A1; EP1726748A3; EP1275995A3; CN105955367A; CN112145015A; US6070361A; EP0674073A1; CN110306893A; EP0618338A1; CN109681086A; CN113944391A; US5435101A; EP0878600A3; EP1470310A4; US6864988B2; WO2019175157A1; WO2017118685A1; WO03074946A1; US7187987B2; WO2006029809A1; EP0683296A1; EP3763902A1; EP3995652A1; EP3995651A1; US2022333408A1; EP1481203B2

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