

Title (en)

Method for automatically controlling and managing the natural lighting system and/or the solar heat gain through at least one of the openings of a room and/or controlling the air quality of the room

Title (de)

Verfahren zur automatischen Überwachung und Verwaltung der natürlichen Beleuchtung und/oder der Wärmebelastung durch Sonneneinstrahlung durch zumindest eine der Öffnungen eines Zimmers und/oder Überwachung der Luftqualität des Zimmers

Title (fr)

Procédé de contrôle et de gestion automatisé de l'éclairage naturel et/ou des gains solaires par au moins une des ouvertures d'une pièce et/ou de contrôle de la qualité de l'air de la pièce.

Publication

**EP 1783314 A1 20070509 (FR)**

Application

**EP 06123625 A 20061107**

Priority

- FR 0511314 A 20051107
- FR 0602301 A 20060316

Abstract (en)

The light and warmth control system uses internal and external (7) sensors to detect the presence of a person in the building and adjust natural lighting and solar heating by opening and closing the panels (2, 3) of sliding doors and windows and lowering or raising blinds (5). An internal management module, set according to the requirements of the occupier and adjusted for the season of the year, ensures that warmth and lighting are maintained at the required levels. At the same time, the opening/closing of doors and windows takes into account the level of any external noise and air quality, as well as air temperature and humidity.

IPC 8 full level

**E06B 7/02** (2006.01); **E06B 9/32** (2006.01); **E06B 9/68** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

**E06B 7/02** (2013.01); **E06B 9/32** (2013.01); **E06B 9/68** (2013.01); **E05F 15/71** (2015.01); **E05Y 2201/43** (2013.01); **E05Y 2800/422** (2013.01); **E05Y 2800/67** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- [X] FR 2824358 A1 20021108 - ARCHIMEDES SARL [FR]
- [X] DE 4023673 A1 19920206 - VEDDER GMBH GEB [DE]
- [X] DE 19607716 A1 19970904 - ZUMTOBEL LICHT [AT]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1783314 A1 20070509**

DOCDB simple family (application)

**EP 06123625 A 20061107**