

Title (en)

NOVEL OPENING AND CLOSING DEVICE FOR A DELIMITED BUILDING SPACE

Title (de)

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Title (fr)

DISPOSITIF D'OUVERTURE-FERMETURE D'UN TYPE NOUVEAU POUR UN ESPACE LIMITE DE BATIMENT

Publication

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Application

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Abstract (en)

[origin: WO9738202A2] The invention relates to an opening and closing device for a free building space, for example a slat-type roller blind for a window. Said blind can slide in two side vertical guides (4) and the slats are hooked to each other by hooking systems (7), and comprise along their length a male to female interlocking system. Said device can be lowered or raised to close or open the space, moving between a totally closed position, in which the lower slat rests against a horizontal strut and in which the slats are all interlocked with each other by gravity along the complete length thereof to form a continuous sheet, and a partially or totally open position in which the slats are disengaged by gravity and separated from each other by a space determined by the height of the hooking system (7). The invention is characterised in that certain slats at least of the device comprise a pivoting part to which a small bar mirror (20) is attached on one of the faces thereof. The result is that the bottom floors have maximum natural illumination, while the room remains completely private, and the top floors are illuminated when necessary, by altering the opening angle of the slats, which angle both inhibits and diffuses rays. In both cases regulation of the internal temperature of the building depends on the opening of the slats. When the device is completely closed, the internal surface of the shutter sheet forms a mirror, thereby saving a considerable amount of energy.

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