

Title (en)

CONTACTLESS POWER SUPPLY AND SIGNAL TRANSMISSION THROUGH A CLADDING ELEMENT FOR BUILDING PARTS

Title (de)

KONTAKTLOSE STROMVERSORGUNG UND SIGNALÜBERTRAGUNG DURCH VERKLEIDUNGSELEMENT FÜR GEBÄUDETEILE

Title (fr)

ALIMENTATION ÉLECTRIQUE SANS CONTACT ET TRANSMISSION DE SIGNAUX À TRAVERS UN ÉLÉMENT DE REVÊTEMENT DESTINÉ À DES PARTIES D'IMMEUBLE

Publication

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Application

**EP 12799510 A 20121114**

Priority

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Abstract (en)

[origin: CA2854597A1] The invention relates to a planar cladding element(4) for surfaces of planar building parts, in particular in operating rooms, rooms prone to moisture or on building surfaces that are accessible for moisture, which cladding element is equipped with a transmission device (1) for electrical energy and/or electrical signals, which transmission device comprises a supply module (5) for electrical energy and/or electrical signals and a current derivation module (6) for electrical current and/or electrical signals, which modules can be releasably connected to each other in such a way that the electrical energy and/or the electrical signals can be transmitted, characterized in that in the transmission device (4) specified at the beginning the supply module (5) is arranged in a gap-free manner behind the cladding element (4), while the derivation module (6) is arranged before the cladding element (4) in a gap-free manner, and in that both modules (5, 6) comprise elements for the inductive transmission of electrical energy and/or electrical signals from the supply module (5) to the derivation module (6) and/or in the case of electric signals in reverse direction, as well as units for the gap-free and releasable fastening of the derivation module (6). The invention also relates to correlating uses and methods.

IPC 8 full level

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