

Title (en)
COVERING STRUCTURE FOR EXTERNAL ENVIRONMENTS PROVIDED WITH A DEVICE FOR REGULATING THE SUNLIGHT PENETRATION INTO THE SAME EXTERNAL ENVIRONMENTS

Title (de)
ABDECKSTRUKTUR FÜR AUSSENUMGEBUNGEN MIT EINER VORRICHTUNG ZUR REGELUNG DER SONNENLICHTDURCHDRINGUNG IN DIESE AUSSENUMGEBUNGEN

Title (fr)
STRUCTURE DE COUVERTURE POUR DES ENVIRONNEMENTS EXTERNES POURVUE D'UN DISPOSITIF DE RÉGULATION DE LA PÉNÉTRATION DE LA LUMIÈRE DU SOLEIL DANS LES MÊMES ENVIRONNEMENTS EXTERNES

Publication
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Application
EP 16155966 A 20160216

Priority
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Abstract (en)
Covering structure (10) for external environments provided with a device for regulating the sunlight penetration into the same external environments, adapted to be placed onto terraces, gardens, green spaces or paved areas or the like, such as to create a shady area, or by regulating the sunlight penetration into the same area, and by protecting this latter from bad weather such rain, snow, hail, ice and the like, comprising a peripheral frame (11) with quadrangular shape or other suitable shape, arranged preferably horizontally, and supported at its vertices by at least four columns (12) and provided into its interior with a free area (13), in which a set of adjustable vanes (14) is inserted and fixed by hollow bodies (77), which vanes are arranged parallel and equally spaced away from each other, both longitudinally and transversally to the frame (11), depending on the needs of the user with the possibility to rotate around its own transversal axis, comprising heating means (76), connected to external power supplies, and applied to the frame (11) and to the vanes (14), and that are adapted to heat these latter for melting in a short time any possible deposit of snow, hail, ice or the like, and that said adjustable vanes (14) in the closed position thereof form a lower rectilinear surface and an upper undulated surface.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XP] EP 2853647 A1 20150401 - CORRADI S P A [IT]
• [A] WO 2014136095 A1 20140912 - RENSON SUNPROT SCREENS NV [BE]
• [A] WO 2007045933 A1 20070426 - KANTZIS ALEXANDROS [GR]

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WO2021048773A1; US10851544B1; AU2020203289B2; IT201900019764A1; IT202100000986A1; BE1027574B1; FR3055637A1; WO2022157813A1; US11624187B2; BE1027574A1; US12006693B2

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