Title (en)

SYSTEM FOR DETERMINING A QUALITY OF THE THERMAL INSULATION OF AN INSULATING GLAZING IN A BUILDING

Title (de)

SYSTEM ZUR BESTIMMUNG EINER GÜTE DER THERMISCHEN ISOLIERUNG EINER ISOLIERVERGLASUNG IN EINEM GEBÄUDE

Title (fr)

SYSTÈME DE DÉTERMINATION D'UNE QUALITÉ DE L'ISOLATION THERMIQUE D'UN VITRAGE ISOLANT DANS UN BÂTIMENT

Publication

EP 4185761 A1 20230531 (DE)

Application

EP 21740096 A 20210712

Priority

- EP 20186852 A 20200721
- EP 2021069258 W 20210712

Abstract (en)

[origin: WO2022017839A1] The present invention relates to a system for determining the quality of a thermal insulation of an insulating glazing (1) in a building (13, 18) having an insulating glazing (1), the system comprising at least: • a sensor system (300) having at least one sensor unit (30, 30'), the sensor unit (30, 30') being provided for measuring at least one measurement value and the sensor system (300) being provided for detecting a time profile of the thermal insulation properties of the insulating glazing (1), and • means for forwarding data generated by the sensor system (300) to a terminal (12, 17), and • wherein the sensor unit (30, 30') comprises a computing unit for generating data, a communication unit for the wireless exchange of data and an energy supply unit, and wherein the measurement value indicates a physical property, in particular the thermal flow of the insulating glazing (1).

IPC 8 full level

E06B 3/677 (2006.01)

CPC (source: EP US)

E06B 3/6612 (2013.01 - US); **E06B 3/677** (2013.01 - EP US)

Citation (search report)

See references of WO 2022017839A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022017839 A1 20220127; CA 3176288 A1 20220127; EP 4185761 A1 20230531; US 2023279721 A1 20230907

DOCDB simple family (application)

EP 2021069258 W 20210712; CA 3176288 A 20210712; EP 21740096 A 20210712; US 202118008342 A 20210712