

Title (en)

BALCONY SYSTEM HAVING A COUNTERFORCE UNIT

Title (de)

BALKONSYSTEM MIT GEGENKRAFTEINHEIT

Title (fr)

SYSTÈME DE BALCON DOTÉ D'UNE UNITÉ DE FORCE ANTAGONISTE

Publication

EP 3887611 A1 20211006 (DE)

Application

EP 19813744 A 20191126

Priority

- DE 102018129776 A 20181126
- EP 2019082594 W 20191126

Abstract (en)

[origin: WO2020109308A1] A balcony system for use with a building opening of a building structure is provided. The balcony system comprises a balcony unit, which is designed to protrude out of the building opening, a counterforce unit, which is designed to compensate for forces acting on the balcony unit, and a first connecting element, which connects the balcony unit and the counterforce unit. The counterforce unit comprises a base unit, an attachment unit on the base unit, and a second connecting element. The base unit is designed to be installed so as to be fixed in position relative to the building structure, and is typically designed to be installed so as to be fixed in position on a floor of the building structure. The first connecting element connects the balcony unit and the attachment unit. The second connecting element connects the attachment unit and the base unit. The attachment unit can move relative to the base unit.

IPC 8 full level

E04B 1/00 (2006.01)

CPC (source: EP US)

E04B 1/003 (2013.01 - EP US); **E04B 1/343** (2013.01 - US)

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

DOCDB simple family (publication)

DE 102018129776 A1 20200528; EP 3887611 A1 20211006; EP 3887611 B1 20240619; US 11718983 B2 20230808; US 2022034080 A1 20220203; WO 2020109308 A1 20200604

DOCDB simple family (application)

DE 102018129776 A 20181126; EP 19813744 A 20191126; EP 2019082594 W 20191126; US 201917296904 A 20191126