

Title (en)  
STRUCTURE FOR ALUMINUM HOUSES

Title (de)  
STRUKTUR FÜR ALUMINIUMGEHÄUSE

Title (fr)  
STRUCTURE POUR MAISONS EN ALUMINIUM

Publication  
**EP 3971358 A4 20230118 (EN)**

Application  
**EP 19928439 A 20190731**

Priority  
• MX 2019005712 A 20190516  
• MX 2019000086 W 20190731

Abstract (en)  
[origin: EP3971358A1] It consists of a set of pieces to be used in various combinations according to their specifications, which generates the structure of a house without using heavy construction equipment. This is possible because the pieces are completely made from an aluminum alloy, which generates reduced weight and cost. An innovative system of assemblies between the pieces ensures that only a couple of people can completely build the structure of their home in a practical and efficient way. After the construction of the structure, it is covered with staves of the same alloy which is mounted on supports connected to the structure. All of this gives to whoever acquires this invention a legacy that has quality, practicality, aesthetics and easy assembly at reduced costs.

IPC 8 full level  
**E04B 1/24** (2006.01); **E04B 1/343** (2006.01)

CPC (source: EP US)  
**E04B 1/2403** (2013.01 - EP); **E04B 1/34315** (2013.01 - EP US); **E04B 1/34384** (2013.01 - US); **E04B 2001/2451** (2013.01 - EP); **E04B 2001/2457** (2013.01 - US); **E04B 2001/2475** (2013.01 - EP); **E04B 2001/2481** (2013.01 - EP US); **E04B 2001/2484** (2013.01 - EP)

Citation (search report)  
• [X] FR 2590943 A1 19870605 - AUGERON TCOL [FR]  
• [A] US 3715849 A 19730213 - STRASSLE M

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

DOCDB simple family (publication)  
**EP 3971358 A1 20220323**; **EP 3971358 A4 20230118**; **EP 3971358 A9 20220824**; AU 2019445535 A1 20211223;  
BR 112021022991 A2 20220303; CA 3140497 A1 20201119; CN 113891976 A 20220104; EA 202193018 A1 20220301;  
JP 2022533659 A 20220725; MX 2019005712 A 20190930; US 2022275633 A1 20220901; WO 2020231247 A1 20201119

DOCDB simple family (application)  
**EP 19928439 A 20190731**; AU 2019445535 A 20190731; BR 112021022991 A 20190731; CA 3140497 A 20190731;  
CN 201980096490 A 20190731; EA 202193018 A 20190731; JP 2021568736 A 20190731; MX 2019000086 W 20190731;  
MX 2019005712 A 20190516; US 201917611771 A 20190731