

Title (en)

Metal reinforced plastic window frame

Title (de)

Metalverstärkter Kunststofffensterrahmen

Title (fr)

Cadre de fenêtre en plastique à renfort métallique

Publication

EP 2426303 A2 20120307 (EN)

Application

EP 11179957 A 20110902

Priority

PL 39231810 A 20100906

Abstract (en)

Plastic window frame with rails in the form of multi-chambered plastic profiles, connected by welding at oblique ends, which in at least side rails (1), has reinforcing and stiffening inserts (61, 62), preferably made of a low thermal conductivity material, bound with the profile chamber walls using adhesive. In addition to the known steps, the frame manufacturing method involves inserting reinforcing and stiffening inserts (61, 62) into the rail, together with injecting adhesive through the supply holes (14).

IPC 8 full level

E06B 3/22 (2006.01)

CPC (source: EP)

E04D 13/0354 (2013.01); **E06B 3/222** (2013.01)

Cited by

JP2015197008A; EP4279681A1; EP4279682A1; EP4279680A1; GB2621904A; WO2023020925A1

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)

EP 2426303 A2 20120307; PL 219804 B1 20150731; PL 392318 A1 20120312

DOCDB simple family (application)

EP 11179957 A 20110902; PL 39231810 A 20100906