

Title (en)
METAL FRAMING SELF-LOCK CONNECTORS

Title (de)
SELBSTVERRIEGELUNGSVERBINDER FÜR METALLRAHMEN

Title (fr)
LIAISONS AUTOBLOQUANTES DE CHARPENTES MÉTALLIQUES

Publication
EP 3580397 A1 20191218 (EN)

Application
EP 18751771 A 20180212

Priority
• US 201715430781 A 20170213
• US 201715449250 A 20170303
• US 2018017848 W 20180212

Abstract (en)
[origin: WO2018148670A1] The present invention relates to metal framed wall components with self- locking fixed and sliding connections between support members and crossing connecting members without using fasteners to connect the two crossing metal framing members together. Different variations of the shapes of the connecting members as well as the location and shape of the notches, ledges, tabs and notched-tabs are used between the members at the holes, punch-outs or indentations all determine the self-locking connections.

IPC 8 full level
E04B 1/18 (2006.01); **E04B 1/24** (2006.01); **E04B 1/58** (2006.01); **E04B 2/58** (2006.01); **E04B 2/76** (2006.01)

CPC (source: EP)
E04B 2/7457 (2013.01); **E04B 2/763** (2013.01); **E04B 2/767** (2013.01); **E04B 2/789** (2013.01)

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)
WO 2018148670 A1 20180816; AU 2018217502 A1 20190919; AU 2018229257 A1 20191024; CA 3055176 A1 20180816;
CA 3055179 A1 20180907; CN 110475934 A 20191119; EP 3580397 A1 20191218; EP 3580397 A4 20201216; EP 3589794 A2 20200108;
EP 3589794 A4 20210728; WO 2018160469 A2 20180907; WO 2018160469 A3 20181018

DOCDB simple family (application)
US 2018017848 W 20180212; AU 2018217502 A 20180212; AU 2018229257 A 20180224; CA 3055176 A 20180212; CA 3055179 A 20180224;
CN 201880022921 A 20180212; EP 18751771 A 20180212; EP 18761273 A 20180224; US 2018019596 W 20180224