Title (en)

REINFORCED SHELF FOR MODULAR SHELVES AND MODULAR SHELVES COMPRISING SUCH REINFORCED SHELF

Title (de)

VERSTÄRKTES TRAGREGAL FÜR MODULARE REGALE UND MODULARE REGALE MIT SOLCH EINEM VERSTÄRKTEN TRAGREGAL

Title (fr)

ÉTAGÈRE RENFORCÉE POUR ÉTAGÈRES MODULAIRES ET ÉTAGÈRES MODULAIRES COMPRENANT LADITE ÉTAGÈRE RENFORCÉE

Publication

EP 3415039 B1 20190911 (EN)

Application

EP 18171679 A 20180510

Priority

IT 201700066753 A 20170615

Abstract (en)

[origin: EP3415039A1] A reinforced shelf (1) for modular shelving units (2) comprising a horizontal support base (7) made of sheet metal, which defines a longitudinal axis (L) and has a top surface (8), a bottom surface (9), a pair of longitudinal edges (10) and a pair of transverse edges (11) and at least one longitudinal reinforcement member (19) which contacts the bottom surface (9) of the support base (7) and has lateral wings (20) joined to a horizontal wall (21). The longitudinal edges (10) and the transverse edges (11) are folded twice to define respective vertical faces (12, 13) and horizontal faces (14, 15). The wall (21) of the reinforcement member (19) has a pair of openings (26) at its ends (23) and the horizontal faces (15) of the transverse edges (11) have at least one pair of tongues (27) fitting into the first openings (26). The reinforcement member (19) is coupled to the support base (7) without welds, by placing its longitudinal ends (23) into the transverse edges (11) and folding the central tongues (27) outwards to form an angle greater than 90°, thereby hooking and locking the ends (23) to the base (7). A modular shelving unit (2) comprising one or more shelves (1) as described above.

IPC 8 full level

A47B 96/02 (2006.01); A47B 57/10 (2006.01)

CPC (source: EP)

A47B 96/021 (2013.01); A47B 57/10 (2013.01)

Cited by

DE102019132014A1

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 3415039 A1 20181219; **EP 3415039 B1 20190911**; ES 2751908 T3 20200402; HR P20191952 T1 20200124; HU E045996 T2 20200128; IT 201700066753 A1 20181215; PL 3415039 T3 20200331; PT 3415039 T 20191105; SI 3415039 T1 20191231

DOCDB simple family (application)

EP 18171679 A 20180510; ES 18171679 T 20180510; HR P20191952 T 20191028; HU E18171679 A 20180510; IT 201700066753 A 20170615; PL 18171679 T 20180510; PT 18171679 T 20180510; SI 201830008 T 20180510