Title (en)

CONSTRUCTIONS FOR FORMING A HOUSING

Title (de)

KONSTRUKTIONEN ZUR FORMUNG EINES GEHÄUSES

Title (fr)

CONSTRUCTIONS POUR FORMATION DE BOÎTIER

Publication

EP 2594121 A4 20140528 (EN)

Application

EP 11806189 A 20110712

Priority

- CA 2708453 A 20100715
- CA 2011050426 W 20110712

Abstract (en)

[origin: WO2012006735A1] A housing for electrical components is formed by a series of extruded panels connected edge to edge. The first edge includes a slot defined by an inner wall and an outer wall and the second edge includes a blade inserted into the slot, the blade and the flexible wall including co-operating shoulders. The blade and slot are at an angle to the outer surface where a rib engages into an outer recess to seal the outer surface at the joint. A bridging member spans the joint to prevent spreading, while locking the flexible wall and carrying internal components. The housing can form a post or a receptacle on top of the post. The bridging members connect to end plates by screws extending though the plates so as to form an internal structure for the housing. Some of the connected panels can include cooling fins forming a cooling duct.

IPC 8 full level

H05K 5/00 (2006.01); **F16B 5/06** (2006.01); **F16B 5/12** (2006.01); **H02G 3/04** (2006.01); **H02G 3/08** (2006.01); **H02J 3/00** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP)

F16B 5/0635 (2013.01); **F16B 5/126** (2013.01); **H02G 3/0493** (2013.01); **H05K 5/0004** (2013.01); **H05K 7/20409** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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