

Title (en)  
MULTIFUNCTIONAL SUPPORT STRUCTURE FOR WOODEN WALLS OF BUILDINGS

Title (de)  
MULTIFUNKTIONALE TRAGSTRUKTUR FÜR HOLZWÄNDE IN GEBÄUDE

Title (fr)  
STRUCTURE DE SUPPORT MULTI-FONCTIONNELLE POUR MURS EN BOIS DU BÂTIMENTS

Publication  
**EP 3085845 A1 20161026 (EN)**

Application  
**EP 16152032 A 20160120**

Priority  
IT PS20150007 A 20150421

Abstract (en)  
Multi-purpose support structure for wooden building walls, particularly by interposition into the concrete-wooden interface on foundations and slabs, comprising an air chamber (8) with circulation, even of the forcible type, to directly touch the wooden interface (11), defined by a metal section (2), preferably made of steel, with at least one quadrilateral section with an open side (7), directed - in use - at the upper part on the side for contact with the wooden interface (11) opposite to the support concrete socle or floor, with sides or edges (5) preferably apically inclined inwardly at the upper part provided with outward means (6) for supporting the base (11) of the wooden wall (10), at least one of which preferably extends into a bracket (9) for fixing to the wooden raised part of the wall (10), successively connected even angularly (12) to continuously circuit - beneath - entire perimeter of the wooden base (11) of the walls (10), connectable to ventilator means adapted force an airflow into the circuit.

IPC 8 full level  
**E04B 1/70** (2006.01); **E04B 1/10** (2006.01); **E04B 1/26** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04B 1/70** (2013.01); **E04B 1/10** (2013.01); **E04B 2001/268** (2013.01); **E04C 2003/0434** (2013.01)

Citation (applicant)  
• WO 2014076526 A1 20140522 - UNI DEGLII STUDI DI PADOVA [IT], et al  
• US 2002139059 A1 20021003 - ZIMMERMAN DAVID L [US]

Citation (search report)  
• [XI] US 4656794 A 19870414 - THEVENIN PATRICK D [FR], et al  
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Designated contracting state (EPC)  
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