

Title (en)
WOODEN BUILDING MEMBER

Title (de)
BAUGLIED AUS HOLZ

Title (fr)
ÉLÉMENT DE CONSTRUCTION EN BOIS

Publication
EP 1923517 A4 20140101 (EN)

Application
EP 06782466 A 20060808

Priority
• JP 2006315625 W 20060808
• JP 2005230312 A 20050809

Abstract (en)
[origin: EP1923517A1] A wooden building member includes an elongated structural portion having a rectangular cross section and capable of receiving load applied thereto, a coating portion coating an entire length of at least three sides of the cross section of the structural portion, and an insulating portion interposed therebetween in a laminated manner and prevents load from transmitting to the coating portion. Since load is received by the structural portion, structural strength designing is facilitated, and even if the coating portion is completely burned down, the structural portion coated with the insulating portion is not easily burned down. Thus, fireproof capability of the wooden building member can be improved. Further, since a surface of the wooden building member is coated with the coating portion, the insulating portion is not exposed to the exterior thereby improving its appearance.

IPC 8 full level
E04B 1/94 (2006.01); **E04C 3/12** (2006.01); **E04C 3/36** (2006.01)

CPC (source: CN EP US)
E04B 1/943 (2013.01 - CN EP US); **E04C 3/122** (2013.01 - CN EP US); **E04C 3/14** (2013.01 - CN EP US); **E04C 3/29** (2013.01 - CN EP US); **E04C 3/36** (2013.01 - CN EP US)

Citation (search report)
• [X] JP H0518044 A 19930126 - NIPPON STEEL CHEMICAL CO
• [X] WO 2005037540 A1 20050428 - DUNCAN ANDREW MARTIN [AU]
• [X] US 293721 A 18840219
• [A] US 6306317 B1 20011023 - RICHARDS MICHAEL J [US], et al
• [A] US 6319431 B1 20011120 - BASSON GABRIEL RICHTER [ZA], et al
• See references of WO 2007018196A1

Designated contracting state (EPC)
CH LI

DOCDB simple family (publication)
EP 1923517 A1 20080521; EP 1923517 A4 20140101; EP 1923517 B1 20170215; CA 2618761 A1 20070215; CA 2872738 A1 20070215; CA 2872738 C 20170328; CN 101283148 A 20081008; CN 105421604 A 20160323; JP 2007046286 A 20070222; JP 4359275 B2 20091104; US 2009044486 A1 20090219; WO 2007018196 A1 20070215

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EP 06782466 A 20060808; CA 2618761 A 20060808; CA 2872738 A 20060808; CN 200680037467 A 20060808; CN 201510829788 A 20060808; JP 2005230312 A 20050809; JP 2006315625 W 20060808; US 2854908 A 20080208