

Title (en)  
FIREPROOF WOODEN BUILDING MEMBER

Title (de)  
FEUERFESTE BAUGLIED AUS HOLZ

Title (fr)  
ÉLÉMENT DE CONSTRUCTION EN BOIS RÉSISTANT AU FEU

Publication  
**EP 1923517 A1 20080521 (EN)**

Application  
**EP 06782466 A 20060808**

Priority  
• JP 2006315625 W 20060808  
• JP 2005230312 A 20050809

Abstract (en)  
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)  
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