

Title (en)  
Composite material frame member.

Title (de)  
Profil aus Verbundmaterial.

Title (fr)  
Profilé en matériau composite.

Publication  
**EP 0441449 A1 19910814 (FR)**

Application  
**EP 91200243 A 19910206**

Priority  
FR 9002059 A 19900208

Abstract (en)  
Frame member made of composite material characterised in that the material which constitutes the frame member in question is constituted from a basic or synthetic matrix material (5) such as polyvinylchloride (PVC) in which are lodged cores (6) of heat-hardening resin reinforced with glass fibres. <IMAGE>

Abstract (fr)  
Profilé en matériau composite caractérisé en ce que le matériau qui constitue le profilé considéré est constitué d'une matière de base ou matricielle synthétique (5) telle que le polyvinylchloride (PVC) dans laquelle sont logés des noyaux (6) en résine thermodurcissable durcie armée de fibres de verre. <IMAGE>

IPC 1-7  
**E06B 3/26**

IPC 8 full level  
**E06B 3/22** (2006.01)

CPC (source: EP)  
**E06B 3/221** (2013.01); **E06B 2003/228** (2013.01)

Citation (search report)  
• [X] US 4740405 A 19880426 - TANAKA MAKOTO [JP], et al  
• [A] EP 0063234 A1 19821027 - SCHOCK & CO GMBH [DE]  
• [A] WO 8704751 A1 19870813 - INTERPROFIL GFK GMBH [AT]

Cited by  
DE10104166A1; DE102007039009A1; DE19736393A1; DE19859166A1; DE19859166C2; FR2807967A1; WO2011015635A1; WO2012139972A1; US9528002B2; WO0181072A1

Designated contracting state (EPC)  
BE DE ES GB LU NL

DOCDB simple family (publication)  
**EP 0441449 A1 19910814**; FR 2657946 A1 19910809; FR 2657946 B1 19920619

DOCDB simple family (application)  
**EP 91200243 A 19910206**; FR 9002059 A 19900208