

Title (en)  
DEVICE FOR CONNECTING A LONGITUDINAL CARRIER TO A BONE

Title (de)  
VORRICHTUNG ZUR VERBINDUNG EINES LÄNGSTRÄGERS MIT EINEM KNOCHEN

Title (fr)  
DISPOSITIF POUR RELIER UN SUPPORT LONGITUDINAL A UN OS

Publication  
**EP 1663032 A1 20060607 (DE)**

Application  
**EP 03818768 A 20030926**

Priority  
CH 0300643 W 20030926

Abstract (en)  
[origin: US2006271193A1] A device to join a longitudinal support ( 3 ) with a bone, in particular with a body of the vertebra, comprising a bone anchoring element ( 1 ) that can be fixed on a bone, a connecting element ( 9 ) provided on the rear end ( 5 ) of the bone anchoring element ( 1 ) with a channel axis ( 27 ) passing through the connecting element ( 9 ) transversely to the central axis ( 2 ) to accept a longitudinal support ( 3 ), tightening means ( 13 ) which can be connected with the free end ( 21 ) of the connecting element ( 9 ) and are suitable for the fixing of a longitudinal support ( 3 ) introduced into the channel ( 25 ), and a tilting element ( 8 ) provided in the channel ( 25 ), said tilting element being rotatable about both the central axis ( 2 ) and the axis ( 7 ) of rotation that is transverse to the axis ( 7 ) of the channel.

IPC 1-7  
**A61B 17/70**

IPC 8 full level  
**A61B 17/70** (2006.01); **A61B 17/60** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
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**US 2006271193 A1 20061130**; AR 045660 A1 20051102; AU 2003266088 A1 20050414; BR 0318508 A 20060912; CA 2539831 A1 20050407; CN 1838919 A 20060927; EP 1663032 A1 20060607; JP 2007506457 A 20070322; WO 2005030065 A1 20050407

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