

Title (en)
PROFILED RAIL AND ACCESSORIES USED AS A SUSPENSION DEVICE

Title (de)
PROFILSCHIENE UND ZUBEHÖR ALS AUFHÄNGEVORRICHTUNG

Title (fr)
RAIL PROFIL ET ACCESSOIRE EN TANT QUE DISPOSITIF DE SUSPENSION

Publication
EP 1476048 B1 20080716 (DE)

Application
EP 03742482 A 20030224

Priority
• CH 0300139 W 20030224
• DE 10207715 A 20020223

Abstract (en)
[origin: WO03070060A1] Disclosed is a profiled rail (1) for a suspension device, comprising supports (6) which are plugged into the profiled rail (1) and are used for suspending or placing objects. The profiled rail (1) is horizontally fixed to a supporting structure (9) and is provided with a passage (10) which extends from a frontal opening and into which the supports (6) are plugged. A conductor rail (2) that is provided with current conductors (24, 27) and receives electricity via a power supply (3) is disposed inside the profiled rail (1), said current conductors (24, 27) being accessible from the passage (10) for tapping current so as to supply energy to a consumer (7) that is connected thereto via a feeder (46). The current conductors (24,27) can be tapped in an uninterrupted manner along the entire axial length thereof by means of an adapter (4) which slides into the passage (10), is placed along the profiled rail (1) and can be switched on and off. The inventive electrified profiled rail (1) provides added designing options for the production of furniture, stores, tradeshow booths, and outfit systems due to the built-in supply of electricity.

IPC 8 full level
A47B 97/00 (2006.01); **A47F 3/00** (2006.01); **A47F 5/08** (2006.01); **A47F 11/10** (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP US)
A47B 97/00 (2013.01 - EP US); **A47F 5/0838** (2013.01 - EP US); **H01R 25/14** (2013.01 - EP US)

Cited by
GB2423236A; GB2423236B; DE202012008735U1; WO2014040196A1; EP2292120A1; DE102009040605A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03070060 A1 20030828; AT E401018 T1 20080815; AU 2003246645 A1 20030909; DE 10207715 A1 20030904; DE 50310154 D1 20080828; DK 1476048 T3 20081117; EP 1476048 A1 20041117; EP 1476048 B1 20080716; ES 2310665 T3 20090116; US 2005082082 A1 20050421; US 7122744 B2 20061017

DOCDB simple family (application)
CH 0300139 W 20030224; AT 03742482 T 20030224; AU 2003246645 A 20030224; DE 10207715 A 20020223; DE 50310154 T 20030224; DK 03742482 T 20030224; EP 03742482 A 20030224; ES 03742482 T 20030224; US 50538904 A 20040820