Title (en)
Profile system for bridging the transition between two floor coverings

Title (de)
Profilschienensystem zur Überbrückung von Bodenbelagsübergängen

Title (fr)
Système de profilés pour couvrir la transition entre deux revêtements de sol

Publication
EP 1555360 A3 20060524 (DE)

Application
EP 05000573 A 20050113

Priority
DE 202004000706 U 20040116

Abstract (en)
[origin: US2005188628A1] A profiled rail system (1) is used for bridging floorcovering transitions, ends or staircase edges. The profiled rail system (1) has a base profile (2) and a covering profile (3). The base profile (2) has at least one vertical leg (6), on which an inner shell (9) of a rotary joint (10) is provided. This rotary joint (10) supports the covering profile (3) such that it can be pivoted. For this purpose, two webs (11) oriented downward are provided on the covering profile (3) and, in order to form an outer shell of the rotary joint (10), have at least two partly cylindrical inner contours (12) which lie one above another. These inner contours (12) are formed so as to match the inner shell (9) of the rotary joint (10). In this way, step by step adjustability of the covering profile (3) is implemented. The rotary joint (10) can be clicked as desired into respectively one of the partly cylindrical inner contours (12). In addition, the partly cylindrical inner contours (12) ensure pivotable mounting of the covering profile (3) with respect to the base profile (2).

IPC 8 full level
E04F 15/14 (2006.01); **E04F 19/06** (2006.01); **E04F 11/16** (2006.01)

CPC (source: EP US)
E04F 11/166 (2013.01 - EP US); **E04F 19/062** (2013.01 - EP US); **E04F 19/063** (2013.01 - EP US); **E04F 19/066** (2013.01 - EP US)

Citation (search report)
- [A] DE 20214831 U1 20030227 - MAKO PINSEL GMBH [DE]
- [DA] DE 20015244 U1 20010222 - PRINZ CARL METALLWAREN [DE]
- [DA] EP 1223268 A1 20020717 - PROLINE PROFIL SYSTEM GMBH [DE]

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

DOCDB simple family (publication)
US 2005188628 A1 20050901; **US 7392627 B2 20080701**; AT E417973 T1 20090115; AU 2005200178 A1 20050804;
AU 2005200178 B2 20070215; BR PI0405955 A 20050920; BR PI0405955 B1 20140805; CA 2492401 A1 20050716; CA 2492401 C 20090616;
CN 100374671 C 20080312; CN 1641135 A 20050720; DE 202004000706 U1 20040513; DE 502005006243 D1 20090129;
DK 1555360 T3 20090414; EA 006517 B1 20051229; EA 200500026 A1 20050825; EP 1555360 A2 20050720; EP 1555360 A3 20060524;
EP 1555360 B1 20081217; ES 2319540 T3 20090508; MX PA05000582 A 20050829; PL 1555360 T3 20090529; PT 1555360 E 20090316;
RS 50845 B 20100831; SI 1555360 T1 20090630

DOCDB simple family (application)
US 3582505 A 20050114; AT 05000573 T 20050113; AU 2005200178 A 20050114; BR PI0405955 A 20041229; CA 2492401 A 20050113;
CN 200510004516 A 20050114; DE 202004000706 U 20040116; DE 502005006243 T 20050113; DK 05000573 T 20050113;
EA 200500026 A 20050114; EP 05000573 A 20050113; ES 05000573 T 20050113; MX PA05000582 A 20050113; PL 05000573 T 20050113;
PT 05000573 T 20050113; RS P20090111 A 20050113; SI 200530626 T 20050113