

Title (en)
 RUNNING GEAR FOR A GUIDE RAIL WITH A DIVIDING WALL OR SIMILAR SUSPENDED ON THE RUNNING GEAR

Title (de)
 LAUFWERK FÜR EINE FÜHRUNGSSCHIENE MIT EINER AM LAUFWERK HÄNGEND GELAGERTEN TRENNWAND ODER DERGLEICHEN

Title (fr)
 MECANISME DE ROULEMENT POUR UN RAIL DE GUIDAGE AVEC UNE CLOISON OU UN AUTRE ELEMENT COMPARABLE SUSPENDU AU MECANISME DE ROULEMENT

Publication
EP 0937188 B1 20020130 (DE)

Application
EP 98925498 A 19980429

Priority
 • DE 19719008 A 19970507
 • EP 9802526 W 19980429

Abstract (en)
 [origin: US6058656A] A drive gear for a guide rail with a partition wall or similar device in a hanging bearing from the drive gear, whereby the drive gear has a carrying roller and two guiding rollers. The guiding rollers have a truncated vertical section and approach with their casing surface as close as possible to the carrying roller's casing surface while still maintaining a minor gap. The guiding rollers are supported in guiding roller receivers in a way that the gap between the guide rail, passing above the carrying roller and the guiding rollers, and the carrying roller and the guiding rollers respectively is approximately identical.

IPC 1-7
E05D 15/06

IPC 8 full level
E05D 15/06 (2006.01)

CPC (source: EP KR US)
E05D 15/06 (2013.01 - KR); **E05D 15/0608** (2013.01 - EP US); **E05D 15/063** (2013.01 - EP US); **E05D 15/0652** (2013.01 - EP US); **E05Y 2800/43** (2013.01 - EP US); **E05Y 2900/142** (2013.01 - EP US)

Designated contracting state (EPC)
 AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 6058656 A 20000509; AT E212690 T1 20020215; AU 727501 B2 20001214; AU 7759898 A 19981127; BG 103064 A 19990831; BG 63220 B1 20010629; BR 9804881 A 19990824; CA 2260127 A1 19981112; CN 1225702 A 19990811; CZ 296697 B6 20060517; CZ 3099 A3 19991117; DE 19719008 C1 19981126; DE 59802953 D1 20020314; DK 0937188 T3 20020527; EP 0937188 A1 19990825; EP 0937188 B1 20020130; ES 2135368 T1 19991101; ES 2135368 T3 20020616; HU 223617 B1 20041028; HU P0001671 A2 20000928; HU P0001671 A3 20001228; JP 2000514893 A 20001107; KR 20000023587 A 20000425; NO 311099 B1 20011008; NO 990045 D0 19990106; NO 990045 L 19990106; NZ 332644 A 19990629; PL 187464 B1 20040730; PL 331012 A1 19990621; RU 2199640 C2 20030227; SK 182598 A3 20000516; SK 285097 B6 20060601; WO 9850657 A1 19981112

DOCDB simple family (application)
US 22577099 A 19990105; AT 98925498 T 19980429; AU 7759898 A 19980429; BG 10306499 A 19990107; BR 9804881 A 19980429; CA 2260127 A 19980429; CN 98800557 A 19980429; CZ 3099 A 19980429; DE 19719008 A 19970507; DE 59802953 T 19980429; DK 98925498 T 19980429; EP 9802526 W 19980429; EP 98925498 A 19980429; ES 98925498 T 19980429; HU P0001671 A 19980429; JP 54769898 A 19980429; KR 19997000032 A 19990106; NO 990045 A 19990106; NZ 33264498 A 19980429; PL 33101298 A 19980429; RU 99102686 A 19980429; SK 182598 A 19980429