

Title (en)
SELF-TENSIONING MAGNETIC TRACKS AND TRACK ASSEMBLIES

Title (de)
SELBSTSPANNENDE MAGNETSPUREN UND SPURANORDNUNGEN

Title (fr)
PISTES MAGNÉTIQUES À TENSION AUTOMATIQUE ET ENSEMBLES PISTES

Publication
EP 4003100 A4 20230823 (EN)

Application
EP 20844801 A 20200717

Priority
• US 2020042459 W 20200717
• US 201962877083 P 20190722

Abstract (en)
[origin: WO2021016059A1] A magnetic track assembly including an elongate channel having an open side, an end wall, and two parallel side walls; a first magnet disposed within the elongate channel near an interior side of the end wall; a compartment defined within the elongate channel spaced from the first magnet; and a screen receiver disposed within the compartment and including a second magnet arranged facing the first magnet. In the magnetic track assembly, the first and second magnets are of opposite polarity and the screen receiver is loosely disposed within the compartment such that a magnetic bond is intact between the first and second magnets when the first and second magnets are close together and the magnetic bond is broken when the first and second magnets are pulled apart.

IPC 8 full level
A47G 5/02 (2006.01); **A47G 5/00** (2006.01); **E06B 9/00** (2006.01); **E06B 9/06** (2006.01); **E06B 9/08** (2006.01); **E06B 9/58** (2006.01); **E06B 9/70** (2006.01)

CPC (source: EP)
A47G 5/00 (2013.01); **A47G 5/02** (2013.01); **E06B 9/13** (2013.01); **E06B 9/17046** (2013.01); **E06B 9/17061** (2013.01); **E06B 9/17076** (2013.01); **E06B 9/42** (2013.01); **E06B 9/44** (2013.01); **E06B 9/581** (2013.01); **E06B 9/72** (2013.01); **E06B 2009/005** (2013.01)

Citation (search report)
• [I] US 2018038160 A1 20180208 - JAMES ARTHUR [US], et al
• [A] EP 3095950 A1 20161123 - MV LINE S P A [IT]
• See references of WO 2021016059A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2021016059 A1 20210128; AU 2020317008 A1 20220210; CA 3144723 A1 20210128; CN 114340450 A 20220412; EP 4003100 A1 20220601; EP 4003100 A4 20230823

DOCDB simple family (application)
US 2020042459 W 20200717; AU 2020317008 A 20200717; CA 3144723 A 20200717; CN 202080059369 A 20200717; EP 20844801 A 20200717