

Title (en)

Ring-shaped lining for rope rolls and deflector discs of funiculars

Title (de)

Ringförmiges Futter für Seilrollen und Umlenkscheiben von Seilbahnen

Title (fr)

Rembourrage annulaire pour rouleaux de corde et poulies de renvoi de téléphériques

Publication

EP 2159124 A1 20100303 (DE)

Application

EP 09167536 A 20090810

Priority

AT 12762008 A 20080814

Abstract (en)

The lining (1) has foamed areas, cavities (8) provided in an interior of elastic and/or elastomer materials, and recesses at an edge side. Axially running channels and/or channels bent to the former channels open out in front-sided recesses that run in a peripheral direction. The channels are connected with a mantle surface of the lining over a connection channel. The recesses are partially filled with a gel. The materials have a hardness ranging between 60 and 90 shore A hardness according to DIN 53505, and a density ranging between 1.1 and 1.4 gram/cubic cm.

Abstract (de)

Zur Eigenschaftsverbesserung von ringförmigen Futter für Seilrollen und Umlenkscheiben von Seilbahnen ist das elastische bzw. elastomere Futtermaterial mit Hohlräumen (8), mit Aussparungen (8a) am Innenmantel und/oder an den Stirnseiten und/oder mit im Wesentlichen in Axialrichtung verlaufenden Kanälen (10, 10a) und/oder mit geschäumten Bereichen (GB) versehen.

IPC 8 full level

B61B 12/02 (2006.01)

CPC (source: EP)

B61B 12/02 (2013.01)

Citation (applicant)

- DE 800262 C 19501025 - OXE WALTER [DE]
- DE 19816327 A1 19991014 - WILHELM KAECHLE GMBH ELASTOME [DE]

Citation (search report)

- [X] DE 800262 C 19501025 - OXE WALTER [DE]
- [X] DE 19816327 A1 19991014 - WILHELM KAECHLE GMBH ELASTOME [DE]
- [A] DE 1036299 B 19580814 - IASEMPERITIA OESTERREICHISCH A
- [A] DE 968194 C 19580123 - ERNST KUEPER
- [A] US 1780627 A 19301104 - MAX MULLER
- [A] DE 821741 C 19511119 - KUEPER ERNST [DE]

Cited by

EP3254920A1; EP3953163B1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2159124 A1 20100303; EP 2159124 B1 20131002; AT 507165 A1 20100215; AT 507165 B1 20110615; ES 2438295 T3 20140116; SI 2159124 T1 20140131

DOCDB simple family (application)

EP 09167536 A 20090810; AT 12762008 A 20080814; ES 09167536 T 20090810; SI 200930802 T 20090810