Title (en)

Apparatusfor crossing a surface and use of the apparatus and method for crossing a traffic surface and as a summer cross-country skiing piste

Title (de)

Einrichtung zur Überquerung einer Fläche und Verwendung der Einrichtung und des Verfahrens als Verkehrflächenquerung und als Sommerlanglaufloipe

Title (fr)

Dispositif pour traverser une surface et utilisation du dispositif et du procédé pour traverser une surface de circulation comme une piste de ski de fond d'été

Publication

EP 1489231 B1 20100217 (DE)

Application

EP 04450128 A 20040616

Priority

AT 9452003 A 20030618

Abstract (en)

[origin: EP1489231A2] The device consists of an artificial rail groove set into a surface (9) to be crossed. It consists of/contains a slide plane, which is lowered into the surface. The plane is formed from several slide elements (4), which can be turned or tipped, and have varying sliding characteristics. Each element has sections with different surface characteristics. The elements may be formed by rollers with different rolling resistance, which is varied using angular contact ball bearings, press rings, tapered rings, or centrifugal brakes. The width of each element is smaller than the width of skis (7) traveling across it. The surface of the slide plane has a slide-blocking plastic surface, and it contains tubes (3) for a surface heater.

IPC 8 full level

E01C 13/12 (2006.01)

CPC (source: EP)

E01C 13/12 (2013.01)

Citation (examination)

- DE 7336610 U 19740704
- EP 0300128 A1 19890125 - BAVARIA CARGO TECH [DE]
- EP 0214669 A2 19870318 - NESTLER ROBERT GMBH CO KG [DE]
- DE 2648916 A1 19770512 - CARTWRIGHT & SONS COACHBUILDER
- DE 20004251 U1 20000810 - DOKTERS KARIN [DE], et al

Cited by

WO2014154468A1

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 PL PT RO SE SI SK TR

Designated extension state (EPC)

HR

DOCDB simple family (publication)

EP 1489231 A2 20041222; **EP 1489231 A3 20050817**; **EP 1489231 B1 20100217**; AT 412290 B 20041227; AT A9452003 A 20040515; AT E458088 T1 20100315; DE 502004010756 D1 20100401

DOCDB simple family (application)

EP 04450128 A 20040616; AT 04450128 T 20040616; AT 9452003 A 20030618; DE 502004010756 T 20040616