

Title (en)
APPARATUS FOR SIMULATING A SKI SLOPE

Title (de)
SIMULATIONSSKIPISTE

Title (fr)
DISPOSITIF DE SIMULATION D'UNE PENTE DE SKI

Publication
EP 1225959 B1 20060705 (EN)

Application
EP 00971542 A 20001020

Priority
• GB 0004063 W 20001020
• GB 9925132 A 19991022
• GB 0021454 A 20000831

Abstract (en)
[origin: WO0130464A1] A ski slope simulator has a ski deck (12) with a surface defined by a continuous belt of material formed in a closed loop around rollers at the front and back of the ski deck. The belt is driven so that the surface of the ski deck rides up the slope. The angle of inclination of the deck and the drive speed are controllable. A handrail (24) is provided towards the front of the deck, and the angles of inclination of the handrail (24) with respect to the base (18) (i.e. the floor) and with respect to the surface (12) vary as the angle of inclination of the deck is varied. This arrangement of the handrail can be configured such that the natural position of the skier on the ski deck when holding the handrail remains substantially fixed as the angle of inclination of the ski deck is varied. In this way, the area of the ski deck can be minimised because the user remains substantially static with respect to the ski deck.

IPC 8 full level
A63B 69/18 (2006.01); **A63B 22/02** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP)
A63B 22/02 (2013.01); **A63B 24/00** (2013.01); **A63B 69/18** (2013.01); **A63B 22/0023** (2013.01); **A63B 22/0242** (2013.01); **A63B 2071/0081** (2013.01); **A63B 2225/15** (2013.01)

Cited by
EP2379178A4; WO2010045260A1; WO2018065192A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0130464 A1 20010503; AT E332176 T1 20060715; AU 1038201 A 20010508; CA 2426269 A1 20010503; DE 60029236 D1 20060817; EP 1225959 A1 20020731; EP 1225959 B1 20060705

DOCDB simple family (application)
GB 0004063 W 20001020; AT 00971542 T 20001020; AU 1038201 A 20001020; CA 2426269 A 20001020; DE 60029236 T 20001020; EP 00971542 A 20001020