

Title (en)
CARVING TOBOGGAN

Title (de)
CARVING RUTSCHE

Title (fr)
TOBOGGAN PARABOLIQUE

Publication
EP 1406706 A2 20040414 (EN)

Application
EP 02743446 A 20020717

Priority
• GB 0203267 W 20020717
• GB 0117385 A 20010717
• GB 0129608 A 20011211

Abstract (en)
[origin: WO03008051A2] There is disclosed a vehicle (1) for travelling over snow or the like and comprising a straight runner means (19) and one or more curved runners (21, 23, 25) convex towards the straight runner means. When the vehicle is level it travels on the straight runner means in a straight line. By rolling the vehicle to one side, one of the curved runners engages the snow and the vehicle performs a carving turn whose radius is determined by the radius of the runner. Different turn radii are selectable by altering the roll angle of the vehicle. Embodiments are described for use on snow and ice and a wheeled version for use on hard surfaces is also disclosed.

IPC 1-7
A63C 5/03; **B62B 17/02**; **A63C 1/36**; **A63C 17/00**

IPC 8 full level
A63C 1/30 (2006.01); **A63C 1/36** (2006.01); **A63C 5/00** (2006.01); **A63C 5/03** (2006.01); **A63C 5/044** (2006.01); **A63C 5/048** (2006.01); **A63C 17/01** (2006.01); **B62B 13/02** (2006.01); **B62B 17/02** (2006.01)

CPC (source: EP US)
A63C 1/36 (2013.01 - EP US); **A63C 5/03** (2013.01 - EP US); **A63C 5/0405** (2013.01 - EP US); **A63C 5/0485** (2013.01 - EP US); **A63C 17/01** (2013.01 - EP US); **B62B 13/02** (2013.01 - EP US); **B62B 17/02** (2013.01 - EP US)

Citation (search report)
See references of WO 03008051A2

Cited by
ES2370480A1; WO2011076964A3

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

DOCDB simple family (publication)
WO 03008051 A2 20030130; **WO 03008051 A3 20030410**; AU 2002345234 A1 20030303; CA 2454053 A1 20030130; EP 1406706 A2 20040414; JP 2004534626 A 20041118; US 2004262884 A1 20041230

DOCDB simple family (application)
GB 0203267 W 20020717; AU 2002345234 A 20020717; CA 2454053 A 20020717; EP 02743446 A 20020717; JP 2003513652 A 20020717; US 48389904 A 20040818