

Title (en)
SKI TRACK GROOMING VEHICLE

Publication
EP 0139865 A3 19860423 (DE)

Application
EP 84108251 A 19840713

Priority
DE 3333942 A 19830920

Abstract (en)
[origin: US4523398A] An apparatus for forming cross country ski tracks in a snow covered surface has a trailer frame adapted to be connected to the rear end of a vehicle. A lifting frame is connected to the trailer frame for pivotal movement about a first horizontal axis. The lifting frame has a pair of parallel guide members extending longitudinally from the trailer frame to a transversally extending crossbar. The guide members are arranged symmetrically on opposite sides of a central axis common to the lifting frame, the trailer frame, and the vehicle. At least one cross country ski track forming device is connected to the crossbar for pivotal movement about a second horizontal axis. A positioning device is connected between the trailer frame and the lifting frame. The positioning device pivotally manipulates the lifting frame about the first horizontal axis between an operative position at which the track forming device extends rearwardly from the trailer frame to contact and impress tracks in the snow covered surface, and an inoperative position at which the track forming device is elevated from the snow covered surface and is folded over the trailer frame.

IPC 1-7
E01H 4/02

IPC 8 full level
A63C 19/10 (2006.01); **E01H 4/02** (2006.01)

CPC (source: EP US)
E01H 4/02 (2013.01 - EP US)

Citation (search report)
• [A] DE 3025312 A1 19810205 - BAECHLER ANTON R
• [A] CH 636275 A5 19830531 - DESPONDS ROGER [CH]
• [A] DE 2447287 A1 19760408 - KAESSBOHRER FAHRZEUG KARL
• [A] WO 8103353 A1 19811126 - LOREAN MFG CO [US]

Cited by
EP0226711A3; EP0217153A3; EP1754832A3; EP0461303A1

Designated contracting state (EPC)
AT CH DE FR IT LI SE

DOCDB simple family (publication)
EP 0139865 A2 19850508; EP 0139865 A3 19860423; CA 1205663 A 19860610; DE 3333942 A1 19850328; JP S6092505 A 19850524; US 4523398 A 19850618

DOCDB simple family (application)
EP 84108251 A 19840713; CA 463643 A 19840919; DE 3333942 A 19830920; JP 19044684 A 19840911; US 65062884 A 19840914