

Title (en)

METHOD FOR COVERING ARTIFICIAL ALPINE OR NORDIC SKI RUNS WITH SNOW AND MEANS FOR CARRYING OUT THE METHOD

Publication

EP 0274305 B1 19910911 (FR)

Application

EP 87402752 A 19871203

Priority

FR 8617242 A 19861205

Abstract (en)

[origin: WO8804394A1] Method for covering with snow artificial slopes for downhill or cross-country skiing, comprising the formation of an ice layer forming the bottom of the run, the on site production of snow by machining said ice layer by forming chips having a predetermined thickness, the keeping of the thickness of the ice layer forming the run bottom, the maintenance of the desired characteristics and quality of the snow. The machine for implementing such method comprises: a raisable curved blade (5) which is front-mounted for smoothing the snow surface; as a tool, a cylindrical cutter (7) provided with teeth and driven by a hydraulic motor (8) and housed in a casing (10) of which the bottom forms a vault and opens at the rear to deposit snow on the ground; as reconstitution means, a water sprinkling ramp (12) arranged under the vault; a comb (14) provided with tracers (25).

IPC 1-7

E01C 13/00; **E01H 4/02**; **F25C 3/04**

IPC 8 full level

A63C 19/00 (2006.01); **E01C 13/00** (2006.01); **E01C 13/10** (2006.01); **E01C 13/12** (2006.01); **E01H 4/02** (2006.01); **F25C 3/04** (2006.01)

IPC 8 main group level

F25C (2006.01)

CPC (source: EP US)

E01C 13/105 (2013.01 - EP US); **E01H 4/02** (2013.01 - EP US); **F25C 3/04** (2013.01 - EP US)

Cited by

RU187787U1; CN111023645A; WO9208935A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 8804394 A1 19880616; AT E67297 T1 19910915; DE 274305 T1 19890420; DE 3772951 D1 19911017; DK 428588 A 19880801; DK 428588 D0 19880801; EP 0274305 A2 19880713; EP 0274305 A3 19880720; EP 0274305 B1 19910911; ES 2005515 A4 19890316; ES 2005515 T3 19920401; FI 883545 A0 19880728; FI 883545 A 19880728; FR 2607909 A1 19880610; FR 2607909 B1 19920117; GR 3003275 T3 19930217; GR 890300024 T1 19890412; JP H0432162 B2 19920528; JP S63503002 A 19881102; MC 1944 A1 19890519; NO 168849 B 19911230; NO 168849 C 19920408; NO 883473 D0 19880804; NO 883473 L 19880804; PT 86293 A 19890117; PT 86293 B 19930831; US 4914923 A 19900410

DOCDB simple family (application)

FR 8700483 W 19871203; AT 87402752 T 19871203; DE 3772951 T 19871203; DE 87402752 T 19871203; DK 428588 A 19880801; EP 87402752 A 19871203; ES 87402752 T 19871203; FI 883545 A 19880728; FR 8617242 A 19861205; GR 890300024 T 19890412; GR 910401904 T 19911204; JP 50034888 A 19871203; MC 1944 D 19871203; NO 883473 A 19880804; PT 8629387 A 19871204; US 24666788 A 19880805