

Title (en)

Device, working roll and method for working snow

Title (de)

Vorrichtung, Arbeitswalze und Verfahren zum Bearbeiten von Schnee

Title (fr)

Dispositif, cylindre de travail et procédé pour travailler la neige

Publication

EP 0882844 A3 19991222 (EN)

Application

EP 98850092 A 19980529

Priority

SE 9702070 A 19970602

Abstract (en)

[origin: EP0882844A2] The invention relates to a device for forming a curved snow surface. The device (1) comprises an arm (13) which has at least two subarms (15, 17), which are hingedly interconnected for relative angling thereof in one plane, a connecting means (5) fixed to one end (23) of the arm and adapted to connect the device to a piste vehicle, a holder (43) which is hingedly fixed to the other end (31) of the arm for angling, in said plane, the holder in relation to the arm, and a working roll (35) which is rotatably suspended from the holder and is rotatable about its own axis which is parallel with said plane. The circumferential surface of the working roll is provided with working projections (43) which are designed and arranged in such manner that their tips, as the working roll rotates, touch a fictitious, spool-shaped surface surrounding the roll. The invention also concerns a method and a working roll for forming a curved snow surface. <IMAGE>

IPC 1-7

E01H 4/02

IPC 8 full level

E01H 4/02 (2006.01)

CPC (source: EP)

E01H 4/02 (2013.01); **E01H 2004/026** (2013.01)

Citation (search report)

- [A] DE 2244385 A1 19740314 - FENDT & CO XAVER
- [A] EP 0682856 A2 19951122 - ORSI STEFANO [IT]
- [A] "SNOW-TURBO PRODUCTS ALWAYS "IN FRONT"", INTERNATIONALE SEILBAHN RUNDSCHAU REVUE INTERNATIONALE DES TELEPHERIQUES, no. 3, 1 April 1997 (1997-04-01), pages 53, XP000688282

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DE10311387A1; US6874259B2; US7802383B2; JP2003521605A

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