

Title (en)

SNOW REMOVING DEVICE AND SNOW REMOVING METHOD

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON SCHNEE UND VERFAHREN ZU ENTFERNEN VON SCHNEE

Title (fr)

DISPOSITIF DE DÉNEIGEMENT ET PROCÉDÉ DE DÉNEIGEMENT

Publication

EP 3176327 A4 20180411 (EN)

Application

EP 15826424 A 20150727

Priority

- JP 2014153527 A 20140729
- JP 2014262060 A 20141225
- JP 2015007624 A 20150119
- JP 2015003736 W 20150727

Abstract (en)

[origin: EP3176327A1] Without special processing or installation of a mechanism on a tractor T side, an operator can remove snow by driving the tractor forward while facing forward and looking ahead, so that operability and workability are improved. An auger case 14 is connected to a tractor T which comprises connecting portions 1 and a PTO shaft 2 in the rear, and rotatably supports and covers an auger 10. The auger case 14 comprises a blower 20 which discharges snow, and a power transmitting portion 40 which is coupled to the PTO shaft 2 to transmit rotation to a rotary main shaft 11 of the auger 10 and a blower shaft 21 of a blower 20. The auger case 14 is provided with a forward facing connecting body 30 which is connectable to the connecting portions 1 of the tractor T at a forward facing position X where the auger 10 is disposed so as to be exposed toward the forward direction of the tractor T. The power transmitting portion 40 is provided with a forward facing coupling portion 45 which is configured to be coupled to the PTO shaft 2 through the outside of the auger 10 via a coupling shaft 41 at the forward facing position X.

IPC 8 full level

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CPC (source: EP)

E01H 5/04 (2013.01); **E01H 5/045** (2013.01); **E01H 5/09** (2013.01); **E01H 5/098** (2013.01)

Citation (search report)

- [XI] CA 2729514 A1 20110615 - MACHINERIES PRONOVOST INC [CA]
- [X] US 2014059899 A1 20140306 - LEE JANG YONG [KR]
- See references of WO 2016017135A1

Designated contracting state (EPC)

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