

Title (en)
ROTARY SNOW CUTTER

Publication
EP 0217153 A3 19880120 (DE)

Application
EP 86112076 A 19860901

Priority
DE 8528096 U 19851002

Abstract (en)
[origin: US4718183A] The present invention relates to a snow tiller for rearmounting on a track maintenance vehicle. The snow tiller comprises a transmission for driving at least one tiller shaft, a carrier frame for mounting the snow tiller on the track maintenance vehicle, and a baffle body of trapezoidal cross-section extending over the width of the snow tiller. A levelling attachment is secured to the underside of the baffle body facing the track surface. With a view to facilitating repair and maintenance operations and replacement of wear components, the baffle body is formed as a tubular profile member forming a central tiller frame. The transmission is mounted at the center of the tiller frame and drives to tiller shafts laterally connected to the transmission. The ends of the tiller shafts facing away from the transmission are mounted in outer bearings secured to the ends of the tiller frame.

IPC 1-7
E01H 4/02

IPC 8 full level
E01H 4/00 (2006.01); **E01H 4/02** (2006.01); **E01H 5/09** (2006.01)

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

Citation (search report)

- [A] EP 0139865 A2 19850508 - KAESSBOHRER FAHRZEUG KARL [DE]
- [A] FR 2470194 A1 19810529 - KAESSBOHRER FAHRZEUG KARL [DE]
- [A] WO 8103353 A1 19811126 - LOREAN MFG CO [US]
- [A] DE 554075 C 19320704 - MAX PELIKAN

Cited by
CN106884401A; CN105256297A; DE4101617A1; DE4101617C2

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

DOCDB simple family (publication)
US 4718183 A 19880112; AT E54349 T1 19900715; CA 1240193 A 19880809; DE 3672432 D1 19900809; DE 8528096 U1 19851114; EP 0217153 A2 19870408; EP 0217153 A3 19880120; EP 0217153 B1 19900704; JP H0621442 B2 19940323; JP S6282107 A 19870415; YU 166086 A 19880229

DOCDB simple family (application)
US 89545786 A 19860811; AT 86112076 T 19860901; CA 519496 A 19861001; DE 3672432 T 19860901; DE 8528096 U 19851002; EP 86112076 A 19860901; JP 21135986 A 19860908; YU 166086 A 19860926