

Title (en)
SNOW-REMOVAL TRAILER

Title (de)
ANHÄNGER ZUM SCHNEERÄUMEN

Title (fr)
REMORQUE DE DÉNEIGEMENT

Publication
EP 3196361 B1 20181024 (FR)

Application
EP 17152051 A 20170118

Priority
FR 1650405 A 20160119

Abstract (en)
[origin: EA032174B1] A snow-removal trailer (1) intended to be towed by a vehicle (2) with a towing hitch, said snow-removal trailer (1) comprising a chassis (3) extending in a first direction (I-I) and comprising a snow-removal blade (4, 5), and at least one selectively orientable wheel (6a-6d) supporting the chassis (3). A drawbar (8) is articulated to the chassis (3) with pivoting, and pivoting means (10) allow the selective pivoting movement of the chassis (3) of the trailer with respect to the drawbar (8) and the fixing of the relative angular position of the chassis (3) of the trailer and of the drawbar (8) between a transport position and at least one operating position.

IPC 8 full level
E01H 5/06 (2006.01)

CPC (source: EA EP)
E01H 5/06 (2013.01 - EA); **E01H 5/067** (2013.01 - EP); **E01H 5/068** (2013.01 - EP); **E01H 10/007** (2013.01 - EP)

Citation (opposition)
Opponent : CIVES CORPORATION
• US 2006143952 A1 20060706 - LANNERT ROBERT G [US]
• US 2001023546 A1 20010927 - FULTON RICHARD E [US]
• US 8776406 B2 20140715 - STEPHAN MICHAEL FREDERICK [US]
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• US 2001023546 A1 20010927 - FULTON RICHARD E [US]
• US 8776406 B2 20140715 - STEPHAN MICHAEL FREDERICK [US]
• "Owner's Manual Viking-Cives Tow Plow", VIKING-CIVES GROUP, 25 August 2008 (2008-08-25), pages 99, XP055618482
• "Owner's Manual Viking-Cives Tow Plow", VIKING-CIVES GROUP, 2013, XP055618487
• DREW GRIESDORN: "Viking-Cives Tow Plow Evaluation", OHIO DEPARTMENT OF TRANSPORTATION, May 2011 (2011-05-01), XP055618491
• JIM YOUNG: "Evaluation of Viking LTD. Tow Plow TP26", MINISTRY OF TRANSPORTATION OF ONTARIO, pages 20080000, XP055618510
• "YouTube video of Viking-Cives Tow Plow", ALASKA DOT & PF, 19 December 2013 (2013-12-19), XP054979651, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=dXLRGCXPxmc> [retrieved on 20190619]
• ANONYMOUS: "Owner's Manual Viking-Cives Tow Plow", VIKING-CIVES GROUP, 25 August 2008 (2008-08-25), pages 1 - 99, XP055618281
• ANONYMOUS: "Owner's Manual Viking-Cives Tow Plow", VIKING-CIVES GROUP, 21 February 2012 (2012-02-21), pages 1 - 42, XP055618302
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• JIM YOUNG: "Evaluation of Viking-Cives LTD. Tow Plow TP26", MINISTRY OF TRANSPORTATION OF ONTARIO, 2009, pages 1 - 15, XP055618312
• ALASKADOTPF: "DOT Tow Plow PSA Awareness Youtube", YOUTUBE, 19 December 2013 (2013-12-19), XP054979643, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=dXLRGCXPxmc>

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EP4036312A1; FR3119176A1; EP4253660A1; EP4036310A1; FR3119177A1; EP4036311A1; FR3119175A1; KR20200040591A; US2022235529A1; FR3134123A1; WO2023280342A1; US2022235530A1; US12000100B2

Designated contracting state (EPC)
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EP 17152051 A 20170118; DK 17152051 T 20170118; EA 201790042 A 20170118; ES 17152051 T 20170118; FR 1650405 A 20160119; GE AP2017014384 A 20170118; HR P20190111 T 20190118; HU E17152051 A 20170118; LT 17152051 T 20170118; PL 17152051 T 20170118; PT 17152051 T 20170118; RS P20190075 A 20170118; SI 201730020 T 20170118; TR 201820900 T 20170118; UA A201700444 A 20170117