

Title (en)
Snow clearing vehicle with snowplough blade having adjustable width

Title (de)
Schneeräumfahrzeug mit Schneeräumschild mit einstellbarer Breite

Title (fr)
Chasse-neige avec lame à largeur réglable

Publication
EP 1840272 A1 20071003 (EN)

Application
EP 07104878 A 20070326

Priority
IT BO20060025 U 20060327

Abstract (en)
A snowplough blade with adjustable width, of the type including: a first, stationary blade body (L1), supported by a frame (S) for suspension and coupling to a respective machine (O); and a second blade body (L2), connected to the first blade body (L1) by mutual coupling means, sliding and moving with respect to the latter, operated by actuating means (A) between a retracted position (R) and an extreme advanced position (EA), in which the snow-removing surface of the snowplough blade (L) is maximum. The second blade body (L2) is situated in front of the first blade body (L1). The first blade body (L1) includes a tubular cross-beam (1), connected to the suspension and coupling frame (S) and housing the actuating means (A).

IPC 8 full level
E01H 5/06 (2006.01)

CPC (source: EP)
E01H 5/065 (2013.01)

Citation (search report)

- [X] JP S6322906 A 19880130 - RAILWAY TECHNICAL RES INST, et al
- [X] US 4369847 A 19830125 - MIZUNUMA WATARU [JP]
- [A] US 2003226289 A1 20031211 - GEERLIGS KIRK A [US]
- [A] US 4667426 A 19870526 - HOWARD RALPH E [US], et al

Cited by
CN105408548A; RU2652810C2; CN108286235A; US8096066B2; US9657450B2; WO2009040630A3; WO2014203143A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1840272 A1 20071003; EP 1840272 B1 20120104; EP 1840272 B2 20150923; AT E540168 T2 20120115; DK 1840272 T3 20120423; DK 1840272 T4 20151207; ES 2380216 T3 20120509; ES 2380216 T5 20160113; IT BO20060025 U1 20070928; PL 1840272 T3 20120928; PL 1840272 T5 20161130; SI 1840272 T1 20120531; SI 1840272 T2 20160129

DOCDB simple family (application)
EP 07104878 A 20070326; AT 07104878 T 20070326; DK 07104878 T 20070326; ES 07104878 T 20070326; IT BO20060025 U 20060327; PL 07104878 T 20070326; SI 200730893 T 20070326