Title (en)
  Snow plough.

Title (de)
  Schneepflug.

Title (fr)
  Chasse-neige.

Publication
  EP 0467310 B1 19940608 (DE)

Application
  EP 91111875 A 19910716

Priority
  DE 4022683 A 19900717

Abstract (en)
  [origin: EP0467310A1] A snow plough has a ploughshare-suspension device of particularly simple form. The ploughshare is suspended from a supporting part (4) so as to be capable of swivelling laterally about a vertical axis; the supporting part (4) is connected to a supporting plate (6) on the vehicle side by means of a parallelogram linkage; and a hydraulic lifting cylinder (14) is supported between the supporting plate (6) and the supporting part (4). So that the suspension device can course the ploughshare to be moved in the manner of a pendulum, the invention provides that the links (11) of the parallelogram linkage each have, at least at one articulated end, a swivel bearing in the form of a ball joint (21) and that, to absorb lateral forces, there is a triangular link (18) in one of the two swivel planes of the parallelogram linkage or in a plane parallel thereto, this link having two points of articulation on the supporting plate, each of which are in the form of a pure swivel bearing (22) with horizontal swivel axis. <IMAGE>

IPC 1-7
  E01H 5/06

IPC 8 full level
  E01H 5/06 (2006.01)

CPC (source: EP)
  E01H 5/06 (2013.01)

Cited by
  CN112158780A; DE4414827A1; DE4235839A1; DE4224220A1; EP1050626A3; NO340611B1; DE10127874A1; DE4205612A1; DE10013480A1; DE10013480C2; EP1136625A3; EP1136625A2; US9085860B2; WO2015118499A1; WO2021097574A1; US10053826B1; US10196790B1; US10480141B1; KR101320903B1; EP4116495A1; DE102021117632A1

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