

Title (en)

Support frame of a road maintenance device

Title (de)

Tragrahmen einer Straßeninstandsetzungsvorrichtung

Title (fr)

Cadre de support d'un dispositif de maintenance routière

Publication

EP 2662493 A3 20150408 (EN)

Application

EP 13166294 A 20130502

Priority

EE P201200007 A 20120507

Abstract (en)

[origin: EP2662493A2] The invention provides a pivotable and liftable support frame for plough and vehicle, which main element is a bearing beam 2, which can be lifted up-down by lift cylinder 3 and turned to left-right by beam move cylinder 4. The frame of the construction acts as double parallelogram. Namely parallelogram acting in vertical plane is formed by bearing beam 2 and connecting element 5 in cooperation with the plough 1 and fixing mount 6 on the vehicle, parallelogram acting in horizontal plane is formed by bearing beam 2 and turn cylinder 7 in cooperation with the plough 1 and fixing mount 6 on the vehicle. Support frame according to the invention differs in that due to the use of connecting element 5 the support frame maintains feature of traditional "parallelogram" of the snow ploughs, which assures that the raised plough in transport position remains parallel to the ground.

IPC 8 full level

B60R 9/06 (2006.01); **E01H 5/06** (2006.01)

CPC (source: EP)

E01H 5/06 (2013.01); **E01H 5/061** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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