

Title (en)

PLOUGH BLADE HOLDER OF A ROAD MAINTENANCE VEHICLE

Title (de)

PFLUGSCHARHALTER EINES STRASSENDIENSTFAHRZEUGS

Title (fr)

SUPPORT D'UNE LAME DE CHARRUE D'UN VÉHICULE D'ENTRETIEN DE LA ROUTE

Publication

EP 3020866 A2 20160518 (EN)

Application

EP 15194173 A 20151111

Priority

EE P201400039 A 20141113

Abstract (en)

The invention is related to design of plough blade holder of a road maintenance vehicle. The blade holder of the invention comprises a part made of elastically deforming material, which has a air filled space. Blade holder from elastically deforming material has locking teeth in the hollow space side, which are adopted to hook with each other on moving over an obstacle on the road. Thanks to this hooking is guaranteed greater returning force into initial position and avoided situation, where the blade holder may stay into opearting position without return. Optionally the blade holder has a tightening means in order to pre-adjust the position of the blade so, that the angle between the blade and the road surface normal is according to a specific need.

IPC 8 full level

E01H 5/06 (2006.01)

CPC (source: EP)

E01H 5/062 (2013.01)

Citation (applicant)

- WO 2004031490 A1 20040415 - KAELLQVIST GOESTA [SE]
- US 5743032 A 19980428 - VAUHKONEN PERTTI [FI]
- DE 2519112 A1 19761104 - REISSINGER GOTTFRIED DR
- DE 3640565 A1 19880609 - HOESCH AG [DE]
- DE 2552058 A1 19770526 - BEILHACK MASCHF MARTIN
- DE 4204109 A1 19930819 - BEILHACK SUED VERTRIEBS GMBH [DE]
- EE 201100057 A 20130617 - MEIREN ENGINEERING OUE [EE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3020866 A2 20160518; EP 3020866 A3 20160831; EE 201400039 A 20160615

DOCDB simple family (application)

EP 15194173 A 20151111; EE P201400039 A 20141113