

Title (en)
SNOWPLOUGH BLADE WITH KERB DEFLECTOR AND METHOD FOR CONNECTING A KERB DEFLECTOR TO A SNOWPLOUGH BLADE

Title (de)
SCHNEEPFLUGRÄUMLEISTE MIT RANDSTEINABWEISER UND VERFAHREN ZUM VERBINDEN EINES RANDSTEINABWEISERS AN EINER SCHNEEPFLUGRÄUMLEISTE

Title (fr)
LAME DE CHASSE-NEIGE AVEC DISPOSITIF DE PROTECTION DE BORDURE DE TROTTOIR ET MÉTHODE DE CONNEXION D'UN DISPOSITIF DE PROTECTION DE BORDURE DE TROTTOIR À UNE LAME DE CHASSE-NEIGE

Publication
EP 2961890 A1 20160106 (DE)

Application
EP 13821462 A 20131218

Priority
• DE 102012025114 A 20121221
• EP 2013077021 W 20131218

Abstract (en)
[origin: WO2014095955A1] The invention relates to a screw connection for fastening an interchangeable kerb deflector (1) to a snowplough clearing strip (2) which is constructed as a composite body of a rubber layer (21) and steel layers (221, 222), wherein this screw connection has bores in the kerb deflector (1) and the snowplough clearing strip (2) which serve to receive a screw (31), and a separate threaded body (32) interacting with the thread of the screw (31). It is the object of the invention to develop a screw connection which firmly clamps the kerb deflector (1) to the snowplough clearing strip (2) and thus reduces the loading on the screw shaft and prevents the thread from being torn out. To achieve this object, the invention provides a screw connection of the initially stated type in which the threaded body (32) is designed as a body which can be inserted into the bore of the snowplough clearing strip (2) and which is supported on the steel layer (221) of the snowplough clearing strip (2) which is closest to the screw head (311), on which steel layer the kerb deflector (1) is also supported. Moreover, the invention relates to a method for detachable connection with a screw connection for fastening an interchangeable kerb deflector (1) to a snowplough clearing strip (2).

IPC 8 full level
E01H 5/06 (2006.01)

CPC (source: EP)
E01H 5/066 (2013.01)

Citation (search report)
See references of WO 2014095955A1

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)
DE 102012025114 A1 20140626; EP 2961890 A1 20160106; EP 2961890 B1 20170823; ES 2648973 T3 20180109; WO 2014095955 A1 20140626

DOCDB simple family (application)
DE 102012025114 A 20121221; EP 13821462 A 20131218; EP 2013077021 W 20131218; ES 13821462 T 20131218