

Title (en)  
BRUSHHOLDER FOR AN ELECTRICAL MACHINE

Title (de)  
BÜRSTENHALTER FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)  
PORTE-BALAIS DESTINÉ À UN MOTEUR ÉLECTRIQUE

Publication  
**EP 2457295 A1 20120530 (DE)**

Application  
**EP 10720164 A 20100525**

Priority  
• DE 102009027909 A 20090722  
• EP 2010057146 W 20100525

Abstract (en)  
[origin: WO2011009656A1] Electrical machines in which the brushes are connected to a loose copper litz wire are known. However, the procedure for making contact with a loose end of the copper litz wire is involved in the manufacturing and fitting process. As an improvement, the invention proposes a brushholder (1) for an electrical machine which has a spring lever (3), on which a brush (2) is held on a fastening section (5), electrical contact being made with said brush by means of a litz wire (10). According to the invention, one end (26) of the litz wire (10) is welded to the spring lever (3), with the result that there is a complete structural unit with which contact is then more easily made for the manufacturing and fitting process. The brushholder according to the invention is provided for electrical machines, in particular in windshield wiper motors.

IPC 8 full level  
**H01R 39/39** (2006.01)

CPC (source: EP)  
**H01R 39/39** (2013.01)

Citation (search report)  
See references of WO 2011009656A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009027909 A1 20110127**; BR 112012001261 A2 20160210; CN 102474060 A 20120523; CN 102474060 B 20141022; EP 2457295 A1 20120530; WO 2011009656 A1 20110127

DOCDB simple family (application)  
**DE 102009027909 A 20090722**; BR 112012001261 A 20100525; CN 201080033344 A 20100525; EP 10720164 A 20100525; EP 2010057146 W 20100525