

Title (en)

Insulator, in particular for a pantograph of a rail vehicle

Title (de)

Isolator, insbesondere für einen Pantographen eines Schienenfahrzeugs

Title (fr)

Isolateur, notamment pour un pantographe d'un véhicule sur rails

Publication

**EP 2375422 B1 20171227 (DE)**

Application

**EP 11156900 A 20110304**

Priority

DE 102010016384 A 20100409

Abstract (en)

[origin: EP2375422A2] The insulator has a head part (30) and a foot part (20) electrically insulated from each other. The head part and foot part are provided with a connecting piece (21), where the head part and the foot part are connected to each other by a hollow supporting part (40). The distance between the head part and the foot part is covered by an insulation sheet (10) that is made of cast resin. The supporting part is made of a fiberglass reinforced plastic as a tubular section. The head part is provided with an attachment piece at the outer circumference of the supporting part.

IPC 8 full level

**H01B 17/16** (2006.01); **H01B 17/32** (2006.01)

CPC (source: EP)

**H01B 17/16** (2013.01); **H01B 17/325** (2013.01)

Citation (examination)

- EP 1099612 A1 20010516 - ALSTOM [FR]
- FAIVELY: "Faively Transport-Passenger Access Products, Air Conditioning, High Voltage and On-Board Electronics", 12 March 2009 (2009-03-12), XP055297018, Retrieved from the Internet <URL:https://web.archive.org/web/20090312140020/http://www.railway-technology.com/contractors/turnkey/faiveley/faiveley2.html> [retrieved on 20160630]

Cited by

CN114628091A; DE102019121932A1; EP3229242B1

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

DOCDB simple family (publication)

**EP 2375422 A2 20111012; EP 2375422 A3 20131113; EP 2375422 B1 20171227; DE 102010016384 A1 20111215**

DOCDB simple family (application)

**EP 11156900 A 20110304; DE 102010016384 A 20100409**