

Title (en)
CONDUCTOR SYSTEM

Title (de)
LEITERSYSTEM

Title (fr)
SYSTÈME CONDUCTEUR

Publication
EP 2707240 A1 20140319 (EN)

Application
EP 12752583 A 20120102

Priority
• SE 2012000001 W 20120102
• SE 1001073 A 20101103

Abstract (en)
[origin: WO2012118422A1] The present patent application relates to a conductor system (1) for the transfer of electrical energy to at least one electrically powered vehicle (2) along at least one sub-section of the vehicle's route. The system (1) includes at least one along the vehicle's route securely mounted current conductor (4), of arbitrary length, intended to be temporarily connected together with at least one current collector assembly (3) attached to the vehicle (2). The present system's unique feature is that an electrically powered or electrically assisted vehicle (2) when moving may be connected together with a current conductor that is protected from weather and human and animal contact, so that the vehicle's battery system may be charged, whether or not the vehicle is in movement or at a stop.

IPC 8 full level
B60L 5/40 (2006.01); **B60M 1/04** (2006.01); **B60M 1/08** (2006.01); **B60M 1/34** (2006.01)

CPC (source: EP SE)
B60L 5/04 (2013.01 - EP); **B60L 5/08** (2013.01 - SE); **B60L 5/40** (2013.01 - EP SE); **B60L 5/42** (2013.01 - EP); **B60L 50/53** (2019.01 - EP); **B60L 53/32** (2019.01 - EP); **B60M 1/04** (2013.01 - EP SE); **B60M 1/34** (2013.01 - EP SE); **B60M 1/36** (2013.01 - EP); **B60L 2200/18** (2013.01 - EP); **B60L 2200/26** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP)

Cited by
EP3575138A1

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)
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