

Title (en)  
SYSTEM FOR INDUCTIVE ENERGY TRANSMISSION TO A VEHICLE MOVABLY ARRANGED ON A MOVEMENT SURFACE, IN PARTICULAR A MOVEMENT PLANE

Title (de)  
SYSTEM ZUR INDUKTIVEN ENERGIEÜBERTRAGUNG AN EIN AUF EINER VERFAHRFLÄCHE, INSBESONDERE VERFAHREBENE, BEWEGBAR ANGEORDNETES FAHRZEUG

Title (fr)  
SYSTÈME DE TRANSMISSION D'ÉNERGIE PAR INDUCTION À UN VÉHICULE AGENCÉ MOBILE SUR UNE SURFACE DE DÉPLACEMENT, EN PARTICULIER SUR UN PLAN DE DÉPLACEMENT

Publication  
**EP 3488452 A2 20190529 (DE)**

Application  
**EP 17734244 A 20170629**

Priority  
• DE 102016008659 A 20160720  
• EP 2017025186 W 20170629

Abstract (en)  
[origin: WO2018015024A2] Disclosed is a system for inductive energy transmission to a vehicle that is movably arranged on a movement surface, in particular in movement plane, said system comprising a first primary coil located below the movement surface and a second primary coil located above the movement surface; a first secondary coil, which is especially connected to the vehicle, is arranged on the bottom side of the vehicle, i.e. in particular on the side of the vehicle facing the movement surface; in a vertical projection relative to the movement surface, the second primary coil has a smaller area than the first primary coil.

IPC 8 full level  
**H01F 38/14** (2006.01)

CPC (source: EP US)  
**B60L 53/12** (2019.01 - EP US); **H01F 38/14** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Citation (search report)  
See references of WO 2018015024A2

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 102017006197 A1 20180125**; EP 3488452 A2 20190529; WO 2018015024 A2 20180125; WO 2018015024 A3 20180315

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**DE 102017006197 A 20170629**; EP 17734244 A 20170629; EP 2017025186 W 20170629