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- (71) Applicant: **E-TRACTION EUROPE B.V.** [NL/NL]; Watermanstraat 40, NL-7324 AH Apeldoorn (NL).
- (72) Inventor: **HEUSINKVELD, Jorrit Job**; Hofsingel 337, NL-6834 GJ Arnhem (NL).
- (74) Agent: **NEDERLANDSCH OCTROOIBUREAU**; P.O. Box 29720, 2502 LS The Hague (NL).

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[Continued on next page]

(54) Title: ELECTRICAL INSTALLATION HAVING HIGH AND LOW VOLTAGE CIRCUITS WITH COMMON GROUND REFERENCE

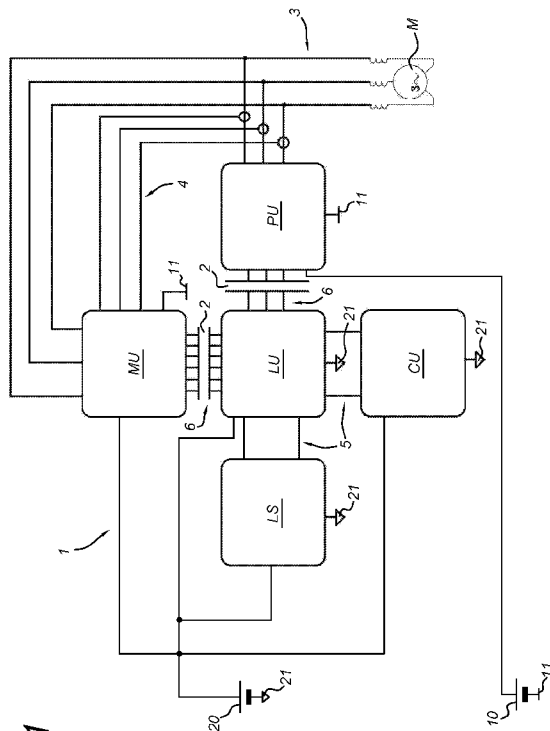


Fig. 1

(57) Abstract: An electrical installation comprises a high voltage power source having a first ground reference, and a low voltage power source having a second ground reference (21). A power unit of the electrical installation receives power from the high voltage power source and is conductively connected to the first ground reference. The installation also comprises one or more peripheral units. At least one of the peripheral units receives power from the high voltage source and is conductively connected to the first ground reference. The first ground reference is galvanically isolated from the second ground reference. The power unit may comprise a motor drive for driving an electrical motor and may be installed in a vehicle.

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Minimum documentation searched (classification system followed by classification symbols) B60L G01R				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal, WPI Data				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2011/140512 A1 (PINO RAFAEL JIMENEZ [ES] ET AL) 16 June 2011 (2011-06-16) paragraph [0010] - paragraph [0021]; figures 1-4 -----	1-15		
X	US 2013/002262 A1 (TAGO MASAKAZU [JP] ET AL) 3 January 2013 (2013-01-03) the whole document -----	1		
A	the whole document -----	2-15		
X	US 2004/199343 A1 (CARDINAL MARK E [US] ET AL) 7 October 2004 (2004-10-07) the whole document -----	1		
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A	US 2010/079146 A1 (KUROSE DAISUKE [JP] ET AL) 1 April 2010 (2010-04-01) the whole document -----	1-15		
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<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.</td> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> See patent family annex.</td> </tr> </table>			<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
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29 September 2015	01/08/2016			
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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