

Title (en)  
DEVICE FOR ENERGIZING AT LEAST ONE CONSUMER

Title (de)  
VORRICHTUNG ZUR VERSORGUNG ZUMINDEST EINES VERBRAUCHERS

Title (fr)  
DISPOSITIF D'ALIMENTATION D'AU MOINS UN CONSOMMATEUR

Publication  
**EP 3172810 A1 20170531 (DE)**

Application  
**EP 15726594 A 20150601**

Priority  
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• EP 2015062086 W 20150601

Abstract (en)  
[origin: WO2016012134A1] The invention relates to a device for energizing at least one consumer, comprising at least one low-voltage on-board power supply system (30) and a high-voltage on-board supply system (50) which are interconnected via a DC-to-DC converter, further comprising a first channel (21) connected to the high-voltage on-board supply system (50) as well as a second channel (23) connected to the low-voltage on-board supply system (30); at least one safety-relevant, functionally redundant first consumer (22a) is connected to the first channel (21), and another safety-relevant, functionally redundant second consumer (22b) is connected to the second channel (23).

IPC 8 full level  
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**B60L 1/00** (2013.01 - EP); **B60L 3/0046** (2013.01 - EP); **B60L 3/0092** (2013.01 - EP); **B60L 58/20** (2019.01 - EP); **B60R 16/03** (2013.01 - EP); **H02J 1/10** (2013.01 - EP US); **H02J 7/34** (2013.01 - EP); **H02J 7/345** (2013.01 - EP); **B60L 2210/12** (2013.01 - EP); **H02J 7/1423** (2013.01 - EP); **H02J 9/00** (2013.01 - EP); **H02J 2310/46** (2020.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP); **Y02T 10/92** (2013.01 - EP)

Citation (search report)  
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DOCDB simple family (publication)  
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