

Title (en)  
FEEDING ELECTRIC POWER FROM A PHOTOVOLTAIC SYSTEM INTO AN AC SYSTEM HAVING A LOW SHORT-CIRCUIT CAPACITY

Title (de)  
EINSPEISEN VON ELEKTRISCHER LEISTUNG EINER PHOTOVOLTAIKANLAGE IN EIN WECHSELSTROMNETZ GERINGER KURZSCHLUSSLEISTUNG

Title (fr)  
ALIMENTATION EN ÉNERGIE ÉLECTRIQUE DANS UNE INSTALLATION PHOTOVOLTAÏQUE DANS UN RÉSEAU DE COURANT ALTERNATIF DE FAIBLE PUISSANCE DE COURT-CIRCUIT

Publication  
**EP 3729591 A1 20201028 (DE)**

Application  
**EP 18799528 A 20181106**

Priority  
• DE 102017127018 A 20171116  
• EP 2018080346 W 20181106

Abstract (en)  
[origin: WO2019096631A1] In order to feed, via a system terminal point (2), electric power from a photovoltaic system (1), which includes at least one first inverter (5) that operates as a current source and is connected to a photovoltaic generator (8) at the DC end and to the system terminal point (2) at the AC end, into an AC system (3) having a low short-circuit capacity, a second inverter (6) of the photovoltaic system (1) is connected to the system terminal point (2) and operates as a voltage source.

IPC 8 full level  
**H02J 3/16** (2006.01); **H02J 3/18** (2006.01)

CPC (source: EP US)  
**H02J 3/16** (2013.01 - EP US); **H02J 3/18** (2013.01 - US); **H02J 3/1814** (2013.01 - EP US); **H02J 3/381** (2013.01 - EP US); **H02J 3/48** (2013.01 - EP US); **H02J 3/50** (2013.01 - EP US); **H02M 7/44** (2013.01 - US); **H02J 3/40** (2013.01 - EP US); **H02J 2300/24** (2020.01 - EP US); **Y02E 10/56** (2013.01 - EP); **Y02E 40/10** (2013.01 - EP); **Y02E 40/30** (2013.01 - EP)

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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