

Title (en)
DEVICE FOR PEDAL-ASSISTED VELOCIPEDE AND WHEEL

Title (de)
VORRICHTUNG FÜR PEDALGESTÜTZTES VELOZIPED UND RAD

Title (fr)
DISPOSITIF POUR VÉLOCIPÈDE À PÉDALAGE ASSISTÉ ET ROUE

Publication
EP 3359442 A1 20180815 (EN)

Application
EP 16797639 A 20161004

Priority
• IT UB20154183 A 20151005
• IB 2016055922 W 20161004

Abstract (en)
[origin: WO2017060812A1] A device for pedal-assisted velocipede (1), associable to a wheel (2) of the velocipede (4), comprises an electrical energy storage unit (5) and an electric motor (7) wherein the stator (71) is associable to a frame portion (6) of the velocipede and the rotor (72) is associable to the wheel (2). The electric motor (7) has a maximum rated power (P_n), and is operable both as a motor to deliver mechanical power and as a dynamo for the storage of electrical energy in the storage unit. A limitation device limits the power deliverable by the motor to a limited power (L) less than the maximum rated power (P_n). When the electric motor is functioning in dynamo mode, it generates an electric power greater with respect to the value of the limited power (L) and less than or equal to the maximum rated power (P_n).

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2017060812A1

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