

Title (en)

A GENERATOR FOR A BICYCLE

Title (de)

STROMGENERATOR FÜR FAHRRÄDER

Title (fr)

GENERATEUR POUR BICYCLETTE

Publication

EP 1516411 A1 20050323 (EN)

Application

EP 03756975 A 20030606

Priority

- DK 0300376 W 20030606
- DK PA200200857 A 20020606
- DK PA200200885 A 20020611
- DK PA200300165 A 20030206
- DK PA200300645 A 20030429

Abstract (en)

[origin: WO03105314A1] The present invention relates to a generator to be driven by a driving member of a bicycle. The generator according to the invention can be made with a simple and reliable design and with a performance which is sufficient for a head and tail light even at low rotational speed of the driving member. Accordingly, the generator can be driven not only by the wheel of the bicycle but also by a crank hub axle. The generator is provide with a combination between a transmission which causes a rotor to rotate faster than the rotating member of the bicycle and a rotor-stator arrangement comprising a plurality of magnet pole sets and windings.

IPC 1-7

H02K 7/00; B62J 6/06

IPC 8 full level

H02K 7/18 (2006.01); **H02K 21/24** (2006.01); **H02K 7/116** (2006.01)

CPC (source: EP)

H02K 7/1846 (2013.01); **H02K 21/24** (2013.01); **H02K 7/116** (2013.01)

Citation (search report)

See references of WO 03105314A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03105314 A1 20031218; AU 2003232163 A1 20031222; EP 1516411 A1 20050323

DOCDB simple family (application)

DK 0300376 W 20030606; AU 2003232163 A 20030606; EP 03756975 A 20030606