

Title (en)
ILLUMINATED SERRATED WHEEL

Title (de)
BELEUCHTETES RÄNDELRAD

Title (fr)
MOLETTE ECLAIREE

Publication
EP 0883839 A1 19981216 (DE)

Application
EP 97912154 A 19971009

Priority
• DE 19654651 A 19961228
• EP 9705561 W 19971009

Abstract (en)
[origin: DE19654651A1] The invention relates to a control serrated wheel for adjusting by rotation a potentiometer in a motor vehicle. The aim of the invention is to reduce considerably radiation loss of a light conductor (2) of the serrated wheel, emitting radiation from the interior of this serrated wheel onto its outer surface (20). To this effect, a clear outer layer (7) is provided, surrounding the light conductor, which reflects the emerging radiation on the boundary surface of the light conductor. A further solution makes it possible to avoid losses by clearing deflecting reflecting surfaces from the outer layer. Advantageous improvements of this invention concern the form of the light conductor and measures for manipulating the serrated wheel.

IPC 1-7
G05G 1/10; **H01H 19/02**

IPC 8 full level
B60K 35/10 (2024.01); **G05G 1/10** (2006.01); **H01H 19/02** (2006.01)

CPC (source: EP US)
G05G 1/105 (2013.01 - EP US); **H01H 19/025** (2013.01 - EP US); **H01H 2219/062** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
DE 19654651 A1 19980702; BR 9707882 A 19990727; DE 59705977 D1 20020214; EP 0883839 A1 19981216; EP 0883839 B1 20020109; ES 2166529 T3 20020416; JP 2001509287 A 20010710; US 6092902 A 20000725; WO 9829789 A1 19980709

DOCDB simple family (application)
DE 19654651 A 19961228; BR 9707882 A 19971009; DE 59705977 T 19971009; EP 9705561 W 19971009; EP 97912154 A 19971009; ES 97912154 T 19971009; JP 52956298 A 19971009; US 14204098 A 19981030