

Title (en)
POSITION SENSOR

Title (de)
POSITIONSGEBER

Title (fr)
CAPTEUR DE POSITION

Publication
EP 0868647 A2 19981007 (EN)

Application
EP 96945637 A 19961216

Priority
• JP 34930195 A 19951220
• US 9620456 W 19961216

Abstract (en)
[origin: WO9722847A2] A position sensor comprises a housing (10), a rotor (16) having brushes (36, 36) thereon rotatably mounted in the housing, a base plate (20) mounted to the housing, conductive members (48, 50, 52) on the base plate in electrical connection with the brushes, the base plate (20) forming a cover member for the housing so that an outer surface (47) thereof is exposed to the outside. Such an arrangement results in a position sensor with a reduced number of components having improved heat dissipation characteristics and better reliable electrical connections.

IPC 1-7
G01B 7/30; G01D 5/12

IPC 8 full level
H01C 1/01 (2006.01); **G01B 7/30** (2006.01); **G01D 5/165** (2006.01); **G01D 11/24** (2006.01); **H01C 10/00** (2006.01)

CPC (source: EP)
G01B 7/30 (2013.01); **G01D 5/165** (2013.01); **G01D 11/245** (2013.01)

Citation (search report)
See references of WO 9722847A2

Cited by
US9369404B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9722847 A2 19970626; WO 9722847 A3 19970904; EP 0868647 A2 19981007; JP H09171902 A 19970630

DOCDB simple family (application)
US 9620456 W 19961216; EP 96945637 A 19961216; JP 34930195 A 19951220