

Title (en)  
VEHICLE STEERING WHEEL

Title (de)  
FAHRZEUGLENKRAD

Title (fr)  
VOLANT DE VEHICULE

Publication  
**EP 3350057 A1 20180725 (FR)**

Application  
**EP 16766924 A 20160914**

Priority  
• FR 1558594 A 20150915  
• EP 2016071655 W 20160914

Abstract (en)  
[origin: WO2017046137A1] The invention relates to a vehicle steering wheel including: at least one plastics portion (10) made from a fluid material using a process such as injection molding, at least one electrical conductor (20), at least one first portion of which is overmolded by said at least one plastics portion at least in part, and including at least one second portion that extends beyond said at least one plastics portion, the steering wheel including at least one sleeve(30) added around a third portion of said at least one electrical conductor and extending from said at least one first portion to said at least one second portion, said at least one sleeve forming a sealing interface for preventing fluid material from leaking out along said at least one electrical conductor during overmolding of said at least one first portion by said at least one plastics portion.

IPC 8 full level  
**B62D 1/06** (2006.01)

CPC (source: EP US)  
**B62D 1/06** (2013.01 - US); **B62D 1/065** (2013.01 - EP US)

Citation (examination)  
• US 2014326708 A1 20141106 - BARFUSS JACK [CA], et al  
• US 2015122790 A1 20150507 - YAMADA SATOSHI [JP], et al  
• See also references of WO 2017046137A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**FR 1558594 A 20150915**; CN 201680053739 A 20160914; EP 16766924 A 20160914; EP 2016071655 W 20160914; US 201615758493 A 20160914