

Title (en)
MODEL AUTOMOBILE

Title (de)
MODELLAUTO

Title (fr)
Automobile modèle réduit

Publication
EP 1852165 B1 20110309 (EN)

Application
EP 06711881 A 20060118

Priority
• JP 2006300612 W 20060118
• JP 2005013536 A 20050121

Abstract (en)
[origin: EP1852165A1] A model automobile in a chassis structure capable of providing high rigidity despite the fact that a chassis is formed of three parts divided from each other. The model automobile comprises a twin-shaft motor (22) disposed on the chassis (1) and a front and rear wheel drive mechanism connected to the front and rear rotating shafts (23) and (33) of the twin-shaft motor (22) and driving front wheels (42) or rear wheels (72). The chassis (1) comprises a center unit (10), a front unit (40), and a rear unit (70) which are separable from each other. The front and rear wheel drive mechanism comprises front and rear rotating shaft pinion gears (25) and (35) fitted to the front and rear rotating shafts (23) and (33), front and rear double-stage gears (27) and (37) disposed on the center unit (10) and rotatably connected to the front and rear rotating shaft pinion gears (25) and (35), and a front wheel axle spur gear (29) or a rear wheel axle spur gear (39) disposed on the front unit (40) or the rear unit (70) and rotated by the front double-stage gear (27) or the rear double-stage gear (37).

IPC 8 full level
A63H 17/26 (2006.01)

CPC (source: EP)
A63H 17/262 (2013.01)

Cited by
EP2345469A1; US8506346B2

Designated contracting state (EPC)
GB IT

DOCDB simple family (publication)
EP 1852165 A1 20071107; EP 1852165 A4 20091118; EP 1852165 B1 20110309; HK 1113473 A1 20081003; JP 2006198206 A 20060803; JP 4563193 B2 20101013; WO 2006077866 A1 20060727

DOCDB simple family (application)
EP 06711881 A 20060118; HK 08103599 A 20080401; JP 2005013536 A 20050121; JP 2006300612 W 20060118