

Title (en)
ENGINE SYSTEM AND VEHICLE

Title (de)
MOTORSYSTEM UND FAHRZEUG

Title (fr)
SYSTÈME DE MOTEUR ET VÉHICULE

Publication
EP 3203056 A4 20180620 (EN)

Application
EP 15846146 A 20150702

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• JP 2015003330 W 20150702

Abstract (en)
[origin: EP3203056A1] An EUC controls an engine and an integrated starter generator such that an engine start-up operation including at least a reverse rotation start-up operation is performed. In the reverse rotation start-up operation, a fuel-air mixture is introduced into a first cylinder while a crankshaft is rotated in a reverse direction, and the crankshaft is driven in a forward direction by combustion of the fuel-air mixture in the first cylinder. A decompression mechanism, in the engine start-up operation, reduces pressure in the first cylinder or another cylinder such that an increase in rotational resistance of the crankshaft caused by an increase in pressure in the first cylinder or the other cylinder is inhibited.

IPC 8 full level
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Citation (search report)
• [X] EP 1840360 A1 20071003 - MAZDA MOTOR [JP]
• [X] JP 2008202557 A 20080904 - KOKUSAN DENKI CO
• See references of WO 2016051629A1

Cited by
EP4390066A1

Designated contracting state (EPC)
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