

Title (en)
Engine starting device.

Title (de)
Anlasservorrichtung für einen Verbrennungsmotor.

Title (fr)
Dispositif de démarrage pour moteur à combustion interne.

Publication
EP 0377341 A1 19900711 (EN)

Application
EP 89313720 A 19891229

Priority
GB 8830462 A 19881231

Abstract (en)
A device for starting or restarting a vehicle engine detects that the engine is at rest and responds to depression of the clutch, or displacement of the gear selector into neutral in the case of an automatic transmission, to energise the starter motor. An oil pressure switch and/or the battery charging circuit may be used to detect when the engine is at rest. The device is particularly useful for restarting a stalled engine automatically simply by depressing a clutch, or displacing the gear selector into neutral in the case of automatic transmission.

IPC 1-7
F02N 11/08

IPC 8 full level
F02N 11/08 (2006.01)

CPC (source: EP)
F02N 11/0803 (2013.01); **F02N 11/103** (2013.01); **F02N 11/105** (2013.01); **F02N 2200/0802** (2013.01); **F02N 2200/103** (2013.01); **F02N 2250/06** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE ES FR GB IT NL SE

DOCDB simple family (publication)
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