

Title (en)  
AUTOMATIC CLUTCH

Title (de)  
AUTOMATISCH GESTEUERTE KUPPLUNG

Title (fr)  
EMBRAYAGE AUTOMATIQUE

Publication  
**EP 0928375 A1 19990714 (DE)**

Application  
**EP 97938776 A 19970816**

Priority  
• DE 9701757 W 19970816  
• DE 19639376 A 19960925

Abstract (en)  
[origin: DE19639376C1] Disclosed is an automatic clutch intended for an engine-transmission unit in a vehicle. When in the closing stage, the clutch works under contact overpressure conditions, so that the torque transmitted by the clutch is higher by a set quantity than the engine generated torque. At low external temperature, the contact overpressure is reduced, resulting in a shorter clutch adjustment path and in less energy being required for clutching, thereby compensating for the greater stiffness of the clutch control element.

IPC 1-7  
**F16D 48/06**

IPC 8 full level  
**F16D 48/06** (2006.01)

CPC (source: EP US)  
**F16D 48/066** (2013.01 - EP US); **F16D 48/068** (2013.01 - EP US); **F16D 2500/1024** (2013.01 - EP US); **F16D 2500/10412** (2013.01 - EP US); **F16D 2500/3026** (2013.01 - EP US); **F16D 2500/3122** (2013.01 - EP US); **F16D 2500/31466** (2013.01 - EP US); **F16D 2500/70406** (2013.01 - EP US); **F16D 2500/7044** (2013.01 - EP US)

Citation (search report)  
See references of WO 9813615A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 19639376 C1 19980326**; BR 9713225 A 20000404; EP 0928375 A1 19990714; US 6139467 A 20001031; WO 9813615 A1 19980402

DOCDB simple family (application)  
**DE 19639376 A 19960925**; BR 9713225 A 19970816; DE 9701757 W 19970816; EP 97938776 A 19970816; US 26927999 A 19990325