

Title (en)
FRICTION CLUTCH

Title (de)
REIBUNGSKUPPLUNG

Title (fr)
EMBRAYAGE A FRICTION

Publication
EP 1133644 A2 20010919 (EN)

Application
EP 99973319 A 19991122

Priority
• GB 9903869 W 19991122
• GB 9826631 A 19981204

Abstract (en)
[origin: WO0034675A2] A friction clutch comprises a clutch cover (21) attached to a flywheel with at least one spring acting on a pressure plate (13) to force a driven plate into frictional engagement with the flywheel. The clutch has at least one constant lift device (49, fig. 1) which limits lift of the pressure plate to a substantially constant value during each full disengagement of the clutch. The constant lift device is of the type which comprises a locking plate (60) pivotally mounted to one of either a wear sensing means, the pressure plate (13) or an axially fixed component of the clutch (132, fig. 7). The locking plate (60) has a hole (63) through which a pin (51) extends, and spring means (53) acting to tilt the locking plate relative to the pin to grip the pin to prevent axial movement of the pin relative to the locking plate in at least one direction. Resilient means (53C, fig. 6) is provided to eliminate or reduce free play in the pivotal mounting of the locking plate. The friction clutch may comprise an automatically adjusting clutch.

IPC 1-7
F16D 13/00

IPC 8 full level
F16D 13/75 (2006.01)

CPC (source: EP)
F16D 13/757 (2013.01); **F16D 2013/706** (2013.01)

Citation (search report)
See references of WO 0034675A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0034675 A2 20000615; WO 0034675 A3 20001116; AU 1395700 A 20000626; EP 1133644 A2 20010919; GB 0112864 D0 20010718; GB 2369414 A 20020529; GB 2369414 B 20030416; GB 9826631 D0 19990127

DOCDB simple family (application)
GB 9903869 W 19991122; AU 1395700 A 19991122; EP 99973319 A 19991122; GB 0112864 A 19991122; GB 9826631 A 19981204