

Title (en)
MULTI-SPEED GEARBOX, IN PARTICULAR A SIX-SPEED GEARBOX

Title (de)
MEHRGANGGETRIEBE, INSBESONDERE SECHSGANG-GETRIEBE

Title (fr)
BOITE DE VITESSES MULTIRAPPORT, EN PARTICULIER A SIX VITESSES

Publication
EP 0991876 A1 20000412 (DE)

Application
EP 98939525 A 19980624

Priority
• DE 19727153 A 19970626
• EP 9803847 W 19980624

Abstract (en)
[origin: WO9900611A1] The invention relates to a multi-speed gearbox having: a gearbox input shaft (e) and a gearbox outlet shaft (A); a first mechanical gearbox part (2); means for coupling this first mechanical part (2) to the gearbox input shaft; and a starting element. The invention is characterized in that: it has a second mechanical gearbox part (3) comprising at least one planetary gear step (4); a first gearbox element of the second mechanical gearbox part (4.1) is coupled to the first mechanical gearbox part and the second gearbox outlet shaft; the starting element is configured as a braking device (B4) and assigned to a second gearbox element (4.2) of the second mechanical gearbox part (3); the first mechanical gearbox part has means for carrying out the individual gear steps, which can be controlled in such a way that the transmissions in first gear and in reverse gear can be determined by the second mechanical gearbox part.

IPC 1-7
F16H 3/66; **F16H 37/04**

IPC 8 full level
F16H 3/62 (2006.01); **F16H 3/66** (2006.01)

CPC (source: EP US)
F16H 3/66 (2013.01 - EP US); **F16H 2200/0052** (2013.01 - EP US); **F16H 2200/2012** (2013.01 - EP US)

Citation (search report)
See references of WO 9900611A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9900611 A1 19990107; DE 19727153 A1 19990211; DE 19727153 C2 19990520; EP 0991876 A1 20000412; JP 2002510377 A 20020402; US 6524208 B1 20030225

DOCDB simple family (application)
EP 9803847 W 19980624; DE 19727153 A 19970626; EP 98939525 A 19980624; JP 50527399 A 19980624; US 44653701 A 20010326