

Title (en)
GEARBOX COMPRISING TWO CLUTCHES AND TWO MAIN SHAFTS

Title (de)
DOPPELKUPPLUNGSGETRIEBE MIT ZWEI VORGELEGEWELLEN

Title (fr)
BOITE DE VITESSES A DEUX EMBRAYAGES ET A DEUX ARBRES SECONDAIRES

Publication
EP 1627163 A1 20060222 (FR)

Application
EP 04742762 A 20040517

Priority
• FR 2004001214 W 20040517
• FR 0306266 A 20030523

Abstract (en)
[origin: FR2855229A1] The box has a primary solid shaft, a concentric primary hollow shaft and two non-concentric secondary shafts (50, 60). The shaft (50) holds a drive pinion (51) that directly attaches to a ring gear. The shaft (60) drives the ring gear on the shaft (50) by a counter shaft (75). The counter shaft holds two fixed pinions that engage with a fixed pinion (52) of the shaft (50) and with a fixed pinion (62) of the shaft (60).

IPC 1-7
F16H 3/00

IPC 8 full level
F16H 3/00 (2006.01); **F16H 3/093** (2006.01)

CPC (source: EP KR US)
F16H 3/00 (2013.01 - KR); **F16H 3/006** (2013.01 - EP US); **F16H 3/091** (2013.01 - KR); **F16H 3/093** (2013.01 - EP US);
F16H 2003/0933 (2013.01 - EP US); **F16H 2003/0938** (2013.01 - EP US); **F16H 2200/0052** (2013.01 - EP US); **Y10T 74/19219** (2015.01 - EP US)

Citation (search report)
See references of WO 2004106774A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2855229 A1 20041126; **FR 2855229 B1 20050701**; EP 1627163 A1 20060222; JP 2007500832 A 20070118; KR 20060013549 A 20060210;
US 2007056398 A1 20070315; WO 2004106774 A1 20041209

DOCDB simple family (application)
FR 0306266 A 20030523; EP 04742762 A 20040517; FR 2004001214 W 20040517; JP 2006530362 A 20040517; KR 20057022207 A 20051121;
US 55771204 A 20040517