

Title (en)
Z-shaped gear arrangement

Title (de)
Z-Förmige Getriebearordnung

Title (fr)
Dispositif d'engrenage en forme de Z

Publication
EP 1304437 B1 20060913 (DE)

Application
EP 01124063 A 20011009

Priority
EP 01124063 A 20011009

Abstract (en)
[origin: EP1304437A1] The gearing comprises a first pinion (10) mounted rotatable about a first axis in a first plane and able to be coupled rotationally secured to an operating handle through a clutch. A second pinion (20) is mounted rotatable about a second axis in a second plane and is coupled rotationally secured to a second clutch (21). The second axis is off-set from the first axis and the two planes (E1,E2) are spaced by a slight amount which is smaller than the stagger (z) between the two axes. <??>The gearing housing comprises two dishes for supporting the pinions.

IPC 8 full level
E05C 9/02 (2006.01); **E05C 7/04** (2006.01)

CPC (source: EP)
E05C 9/021 (2013.01); **E05C 7/04** (2013.01)

Cited by
FR2923253A1; EP1997988A3; EP1619331A1; EP2224083A3; EP2239403A1; EP2312100A1; BE1018951A3; WO2007071509A1; WO2010115501A1

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

DOCDB simple family (publication)
EP 1304437 A1 20030423; EP 1304437 B1 20060913; AT E339576 T1 20061015; DE 50111018 D1 20061026

DOCDB simple family (application)
EP 01124063 A 20011009; AT 01124063 T 20011009; DE 50111018 T 20011009