

Title (en)

POWER-SELECTABLE, MULTI-RATIO REVERSING GEAR

Title (de)

UNTER LAST SCHALTbares, MEHRGÄNGIGES WENDEGETRIEBE

Title (fr)

MECANISME DE RENVERSEMENT A PLUSIEURS RAPPORTS, COMMUTABLE SOUS CHARGE

Publication

**EP 1266150 A1 20021218 (DE)**

Application

**EP 01915370 A 20010317**

Priority

- DE 10014132 A 20000322
- EP 0103078 W 20010317

Abstract (en)

[origin: WO0171214A1] The invention relates to a power-selectable, multi-ratio reversing gear which is driven using an input shaft (3) and outputs power using an output shaft (28) that is located coaxially in relation to the input shaft (3). The power-selectable, multi-ratio, reversing gear has a power take-off (10) which is positioned at a distance from the input shaft (3). The shaft (10) of the power take-off is linked to the input shaft via fixed gears (9, 8) and bears an idler (15) of a transfer gear set (19). The layshafts (5, 7, 10, 26, 27, 29) are arranged in a circle around the input shaft (3), enabling the production of a very compact power-selectable, multi-ratio reversing gear that extends uniformly in a radial direction and provides a coaxial drive and output action (3, 28) and a separately located power take-off (10).

IPC 1-7

**F16H 3/093**; B60K 17/28

IPC 8 full level

**B60K 17/28** (2006.01); **F16H 3/097** (2006.01)

CPC (source: EP)

**B60K 17/28** (2013.01); **F16H 3/097** (2013.01); **F16H 2003/0935** (2013.01)

Citation (search report)

See references of WO 0171214A1

Designated contracting state (EPC)

AT BE CH CY DE FR IT LI

DOCDB simple family (publication)

**WO 0171214 A1 20010927**; DE 10014132 A1 20010927; EP 1266150 A1 20021218

DOCDB simple family (application)

**EP 0103078 W 20010317**; DE 10014132 A 20000322; EP 01915370 A 20010317