

Title (en)
PLANETARY GEARING DEVICE

Title (de)
PLANETENGETRIEBEINRICHTUNG

Title (fr)
TRANSMISSION À ENGRENAGES PLANÉTAIRES

Publication
EP 3183474 A1 20170628 (DE)

Application
EP 15742305 A 20150729

Priority
• DE 102014216465 A 20140820
• EP 2015067336 W 20150729

Abstract (en)
[origin: WO2016026661A1] The invention relates to a planetary gearing device (PE), in particular for a motor vehicle, comprising a gearing input shaft (1), a gearing output shaft (2), a gearing housing (GG), and at least a first, second, and third planetary gear set each comprising a sun gear, a ring gear, and at least one planet gear. Said planetary gear sets are arranged centrally with respect to a gearing axis (GA) and are connectable to each other, in particular selectively, by means of torque transmission devices. The first planetary gear set is arranged radially within the second planetary gear set, and an individual section plane (SE) orthogonal to the gearing axis (GA) cuts the first and the second planetary gear set. The first and the third planetary gear set are axially spaced apart from each other along said gearing axis (GA), characterized in that the first planetary gear set has at least a second planet gear (1.P2), that the at least one first planet gear (1.P1) of said planetary gear set meshes with the sun gear (1.1) and with the second planet gear (1.P2) of the same planetary gear set, that said second planet gear (1.P2) meshes with the ring gear (1.2) of the first planetary gear set, and that said ring gear (1.2) is connected to the sun gear (2.1) of the second planetary gear set in a rotationally fixed manner.

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Citation (search report)
See references of WO 2016026661A1

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