

Title (en)
GEAR WHEEL CONSTRUCTION AND GEAR SYSTEM INCORPORATING SAME

Title (de)
ZAHNRAD EINHEIT UND GETRIEBESYSTEM MIT DERSELBEN

Title (fr)
SYSTEME DE ROUES DENTEES ET ENGRENAGES INTEGRANT CES DERNIERES

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Application
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Abstract (en)
[origin: WO9848199A1] A gear wheel construction for use in a constant mesh gear box, the gear wheel construction characterised by a single gear wheel (100) provided about a shaft (18) in a rotatable and engageable manner, the gear wheel (100) being divided longitudinally (axially) into two components, the first being a synchro-gear wheel (102) and the second gear being a partially toothed gear wheel (104), wherein the synchro-gear wheel (102) is provided in constant mesh with a gear wheel (106) forming its gear wheel pair whilst the partially toothed gear wheel (104) is meshed therewith intermittently during rotation, the synchro-gear wheel (102) and the partially toothed gear wheel (104) having provided therebetween at least one biasing means (108) allowing momentary asynchronous rotation therein.

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