

Title (en)  
A GEAR ASSEMBLY

Title (de)  
GETRIEBEEINHEIT

Title (fr)  
ENSEMBLE ENGRENAGE

Publication  
**EP 0934477 A4 20011004 (EN)**

Application  
**EP 97910647 A 19971024**

Priority  
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Abstract (en)  
[origin: WO9821504A1] A self braking reduction gear assembly which utilises two planetary gear systems (7, 8) each of which in turn meshes with a dedicated gear (2, 9), respectively. Input shaft (3) rotation directly rotates the first planetary gear system (7) and the rotation of the individual gears (7) thereof cause a corresponding rotation of the individual gears (8) of the second planetary gear system (8). For self braking the dedicated gears (2, 9) preferably have the same pitch circles but different teeth numbers.

IPC 1-7  
**F16H 1/28**

IPC 8 full level  
**F16H 1/28** (2006.01)

CPC (source: EP)  
**F16H 1/28** (2013.01); **F16H 2001/2881** (2013.01)

Citation (search report)  
• [X] EP 0674122 A2 19950927 - SCHNELL ADOLF [DE]  
• [X] US 1432090 A 19221017 - SIMPSON WILLIAM E  
• [X] FR 921199 A 19470429  
• [A] DE 4446115 A1 19950629 - YUGEN KAISHA SOZOAN MATSUMOTO [JP]  
• See references of WO 9821504A1

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

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**WO 9821504 A1 19980522**; AU 4795797 A 19980603; EP 0934477 A1 19990811; EP 0934477 A4 20011004; NZ 299720 A 19990729

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**NZ 9700144 W 19971024**; AU 4795797 A 19971024; EP 97910647 A 19971024; NZ 29972096 A 19961108