

Title (en)

NOISE-OPTIMIZED PLANETARY GEAR STAGE I

Title (de)

GERÄUSCHOPTIMIERTE PLANETENSTUFE I

Title (fr)

ÉTAGE PLANÉTAIRE I À NIVEAU SONORE OPTIMISÉ

Publication

**EP 3589865 A1 20200108 (DE)**

Application

**EP 18703529 A 20180129**

Priority

- DE 102017203214 A 20170228
- EP 2018052062 W 20180129

Abstract (en)

[origin: WO2018158017A1] The invention relates to a planetary stage (101) having a ring gear (103), a sun gear (111), a first planetary gear (105) and a second planetary gear (107); wherein the first planetary gear (105) and the second planetary gear (107) mesh with the ring gear (103) and the sun gear (111). A circle diameter of the first planetary gear (105) is greater than a circle diameter of the second planetary gear (107).

IPC 8 full level

**F16H 57/08** (2006.01); **F16H 1/28** (2006.01); **F16H 48/11** (2012.01)

CPC (source: EP)

**F16H 1/2863** (2013.01); **F16H 48/11** (2013.01); **F16H 57/08** (2013.01)

Citation (search report)

See references of WO 2018158017A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102017203214 A1 20180830**; CN 110998149 A 20200410; EP 3589865 A1 20200108; JP 2020518770 A 20200625;  
WO 2018158017 A1 20180907

DOCDB simple family (application)

**DE 102017203214 A 20170228**; CN 201880004554 A 20180129; EP 18703529 A 20180129; EP 2018052062 W 20180129;  
JP 2019546904 A 20180129