

Title (en)

TRANSMISSION UNIT COMPRISING AN AUXILIARY GEAR SET

Title (de)

GETRIEBEEINHEIT MIT PLUSGETRIEBESATZ

Title (fr)

UNITÉ DE TRANSMISSION DOTÉE D'UN TRAIN PLANÉTAIRE POSITIF

Publication

**EP 2926030 A1 20151007 (DE)**

Application

**EP 13774434 A 20131011**

Priority

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- EP 2013071228 W 20131011

Abstract (en)

[origin: WO2014082782A1] The invention relates to a transmission unit (1), in particular for a wind turbine, said unit comprising a first planetary gear stage (2) on the input side, a second planetary gear stage (3) and a third planetary gear stage (4) on the output side, said stages being coupled together in such a way that a torque on the input side can be split between the first and the second planetary gear stage (2; 3) and can be combined in the third planetary gear stage (4), the first or the second planetary gear stage (2; 3) being coupled to a ring gear (10) of the third planetary gear stage (4) and the other of the two planetary gear stages (2; 3) being coupled to at least one planetary gear (11) of the third planetary gear stage (4). According to the invention, one of the planetary gear stages (2; 3; 4) has an auxiliary gear set (14) in the region between the central sun gear (5; 6; 7) and the radially outlying ring gear (8; 9; 10) of said stage, by means of which set the rotational direction of the sun gear (5; 6; 7) or the ring gear (8; 9; 10) can be reversed.

IPC 8 full level

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Citation (search report)

See references of WO 2014082782A1

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