

Title (en)

CROWN GEAR AND DIFFERENTIAL ARRANGEMENT COMPRISING A CROWN GEAR

Title (de)

KRONENRAD UND DIFFERENTIALANORDNUNG MIT EINEM KRONENRAD

Title (fr)

COURONNE DENTEE ET SYSTEME DE DIFFERENTIEL EQUIPE D'UNE COURONNE DENTEE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006125495A1] The invention relates to a crown gear (2) which can be applied to a front gear (20) which is in contact with the toothing, in addition to a differential arrangement (25) which is in the form of a crown gear differential for the drive train of a motor vehicle. The crown gear (2) comprises an annular disk shaped toothing section (3), which forms a crown toothing (6), and a hub (4) which axially projects over the crown toothing (6). Transition areas (12), which connect to head lines (8) of the crown toothing (6), are formed between the crown toothing (6) and the hub (4), and merge into the hub (4).

IPC 8 full level

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