

Title (en)

AERODYNAMIC WHEEL COVER WITH VANES HAVING A SELECTED CURVATURE, ORIENTATION AND TRANSVERSE POSITION

Title (de)

AERODYNAMISCHE RADZIERBLENDE MIT SCHAUFELN MIT EINER BESTIMMTEN KRÜMMUNG, AUSRICHTUNG UND TRANSVERSALEN POSITION

Title (fr)

ENJOLIVEUR AÉRODYNAMIQUE DE ROUE, À PALES À COURBURE, ORIENTATION ET POSITION TRANSVERSALE CHOISIES

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Application

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Abstract (en)

[origin: WO2017089665A1] The invention relates to an aerodynamic wheel cover (EA) fitted to a wheel (RV) of a vehicle, comprising a rim (JR) extending in longitudinal, transverse and vertical directions of the vehicle, and a runout (VR) provided with radial apertures (AR). Said wheel cover (EA) comprises vanes (PE) separated by air passages and having a profile designed to deflect a lateral air flow from the outside towards the radial apertures (AR) or vice versa. Each vane (PE) has a theoretical thrust axis having a curvature selected in a first plane constructed from longitudinal and vertical directions, and placed at a selected distance (d1) from a plane parallel to the first plane and located at the interface with the outside of the wheel (RV), in addition to a section, in a second plane constructed from transverse and vertical directions, having a selected general incline (Θ) in relation to the first plane.

IPC 8 full level

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