

Title (en)
VENTILATION DEVICE AND VEHICLE WITH A VENTILATION DEVICE

Title (de)
LÜFTEREINRICHTUNG UND FAHRZEUG MIT EINER LÜFTEREINRICHTUNG

Title (fr)
DISPOSITIF DE VENTILATION ET VÉHICULE POURVU D'UN DISPOSITIF DE VENTILATION

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Application
EP 13802533 A 20131115

Priority
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Abstract (en)
[origin: WO2014082711A2] The invention relates to a ventilation device with a holder, particularly a ventilation frame (3, 3', 3'') which has a substantially circular continuous opening (4, 4', 4'', 4''') for receiving a ventilation wheel (5, 5', 5'', 5''') rotating about the central axis (10) thereof, wherein the opening (4, 4', 4'', 4''') is bordered by a edge face (15, 15', 15'', 15''', 15''''', 40, 40', 40'', 40''') running substantially cylinder-symmetrically about the central axis (10), and wherein, at the edge face (15, 15', 15'', 15''', 15''''', 40, 40', 40'', 40'''), in two separate, diametrically opposed peripheral sections (17, 17', 17'', 18, 18', 18'') the radius is at least partly enlarged in comparison to the cylinder-symmetrical form in the remaining peripheral sections, and/or a circular projection (30, 36, 38) of the edge face (15, 15', 15'', 15''', 15''''', 40, 40', 40'', 40''', 40'''''), which projection projects radially inwards, is axially offset away from the space provided for the ventilation wheel (5, 5', 5'', 5''', 5'''). Because of the corresponding shaping of the edge face (15, 15', 15'', 15''', 15''''', 40, 40', 40'', 40''', 40''''') of the opening (4, 4', 4'', 4''') contact and/or development of noise between the ventilation wheel and the edge of the opening (4, 4', 4'', 4''') is also prevented in the ventilation frame (3, 3', 3'') in the event of a yawing of a ventilation wheel used when pivoting the ventilation device.

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Citation (search report)
See references of WO 2014082711A2

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DOCDB simple family (publication)
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