

Title (en)

Tow bar bearing for a trailer coupling.

Title (de)

Lagerung für die Zugstange einer Anhängerkupplung.

Title (fr)

Palier de fixation pour barre d'attelage.

Publication

EP 0000325 A1 19790124 (DE)

Application

EP 78100075 A 19780601

Priority

DE 2732610 A 19770719

Abstract (en)

1. Mounting for a tongue (12), carrying a coupling head (10), of a trailer coupling to be attached particularly to heavy-goods vehicles, with a bearing box (16), which surrounds the tongue (12) with a radial spacing and which is located immovably on the heavy-goods vehicle, and in which the tongue (12) is guided, via bearing rings (28) lying in contact with the inside of the bearing box (16), rotatably about its axis, displaceably in an axial direction against spring pressure and immovably in a radial direction, the bearing box (16) having at its ends bearing faces (24), which extend conically outwards axially, for conical faces (26) made complementary to these on the outer periphery of the bearing rings (28), the bearing rings (28) being tensioned, by axially acting spring means (50, 52), against the bearing faces (24) of the bearing box (16) and being elastically deformable under the axial prestress, in such a way that these bearing rings substantially prevent a radial play between the tongue (12) and bearing box (16), characterised in that the bearing rings (28) made of plastic are each provided, on their end face (36), substantially normal to their axis, intended for bearing on a pressure face (58, 64) of the spring means (50, 52), with a packing ring (34), which is designed as a marginal bead (34) elevated above the end face (36).

Abstract (de)

Eine den Kupplungskopf einer Anhängerkupplung tragende Zugstange, die in der Bohrung eines Lagergehäuses durch Lagerringe gelagert ist. Die Bohrung ist an ihren beiden Enden konisch erweitert. Die Lagerringe sind komplementär konisch verdickt. Die Stirnflächen der verdickten Enden liegen erfindungsgemäss an Druckflächen von auf sie einwirkenden Federmitteln dichtend an.

IPC 1-7

B60D 1/02

IPC 8 full level

B60D 1/50 (2006.01)

CPC (source: EP)

B60D 1/50 (2013.01)

Citation (search report)

- DE 1241278 B 19670524 - ADE WERK GMBH
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Designated contracting state (EPC)

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