Title (en)

A METHOD OF PREVENTING OVERLOAD OF THE NOSE WHEEL OF AN AEROPLANE DURING TOWING AND AN AEROPLANE TRACTOR

Title (de)

VERFAHREN ZUR ÜBERLASTVERHINDERUNG AN EINEM FLUGZEUGBUGRAD WÄHREND DES SCHLEPPENS UND ZUGFAHRZEUG FÜR FLUGZEUGE

Title (fr)

PROCEDE SERVANT A EMPECHER LA SURCHARGE DE LA ROUE AVANT D'UN AVION PENDANT LE REMORQUAGE ET TRACTEUR D'AVION

Publication

**EP 0941203 A1 19990915 (EN)**

Application

**EP 97946745 A 19971208**

Priority

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Abstract (en)

[origin: WO9825822A1] A method and an aeroplane tractor for preventing overload of the nose wheel of an aeroplane comprising a platform intended for receiving and securing the nose wheel of an aeroplane, and where the platform is anchored to be displaceable in the longitudinal direction of the tractor away from a predetermined reference position along a path having a lowermost point relative to the aeroplane tractor, and having forwards as well as backwards as seen in the longitudinal direction of the aeroplane a gradient which increases progressively relative to the horizontal plane with the distance from the lowermost point, and that means are provided for measuring the displacement reference position, and in that means for limiting the engine output and/or the braking effect transmitted to the tractor wheels as a function of the displacement distance measured for the platform whereby the transmission of force between the tractor and the nose wheel of the aeroplane is maintained within a predetermined accepted range.

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IPC 8 full level

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