Title (en)
SECURING DEVICE AND METHOD FOR SECURING A RUNNING WHEEL OF A COMPRESSOR ON A DRIVESHAFT

Title (de)
BEFESTIGUNGSVORRICHTUNG SOWIE VERFAHREN ZUR BEFESTIGUNG EINES LAUFRADES EINES VERDICHTERS AUF EINER ANTRIEBSWELLE

Title (fr)
DISPOSITIF DE FIXATION ET PROCÉDÉ POUR FIXER UNE ROUE À AUBES D'UN COMPRESSEUR SUR UN ARBRE D'ENTRÉE

Publication
EP 3164604 A1 20170510 (DE)

Application
EP 15728540 A 20150612

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• DE 102015106638 A 20150429

Abstract (en)
[origin: WO2016000933A1] The invention relates to securing devices for running wheels (30) of compressors on driveshafts (10), having a driveshaft (10) with an axial portion (32), which has an outer thread (34), and a running wheel (30), which is pretensioned axially against a stop (20) formed on the driveshaft (10) by means of a securing nut (36) screwed onto the outer thread (34) of the driveshaft (10). In order to prevent a torsion of the shaft as much as possible, a contour (38) is formed on an axial end (37) from which the running wheel (30) can be pushed onto the driveshaft (10). A corresponding wrench, via which the torques can be directly received, can be plugged into said contour when tightening the securing nut (36).

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Citation (search report)
See references of WO 2016000933A1

Citation (examination)
• GB 2508921 A 20140618 - VALEO AIR MAN UK LTD [GB]
• DE 102009005386 A1 20100722 - BOSCH MAHLE TURBO SYSTEMS GMBH [DE]
• US 4729724 A 19880308 - HENNING HANS-HEINRICH [DE], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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