Title (en)

CLEANING TOOL FOR A ROBOT ARM IN ORDER TO CLEAN THREADED HOLES, STUD BOLTS AND SURFACES, INTER ALIA, ON UNDERBODY STRUCTURES

Title (de)

REINIGUNGSWERKZEUG FÜR EINEN ROBOTERARM ZUR REINIGUNG VON GEWINDEBOHRUNGEN, STIFTBOLZEN UND FLÄCHEN UNTER ANDEREM AN UNTERBODENKONSTRUKTIONEN

Title (fr)

OUTIL DE NETTOYAGE POUR UN BRAS ROBOTIQUE DESTINÉ À NETTOYER DES TROUS TARAUDÉS, DES VIS SANS TÊTE ET DES SURFACES, ENTRE AUTRES AU NIVEAU DE SOUBASSEMENTS

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Application

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Abstract (en)

[origin: WO2015176702A1] The invention relates to a cleaning tool for a robot arm in order to clean threaded holes, stud bolts and surfaces, inter alia, on machine and motor vehicle underbody structures by means of compressed air nozzle technology, the robot arm being equipped with a pneumatic rotation unit and components for connection to the robot arm. A torque-support structure (1) for accommodating a rotatably mounted pneumatic spray nozzle (2) and the further arrangement of a pneumatic bolt-cleaning nozzle (3) are disposed on the end of the robot arm. Cleaning tools of this type are predominantly required for cleaning mechanical engineering and motor vehicle underbody structures in order to remove impregnated material and machining material residues in preparation for further processing. These different objects can be achieved by the solution according to the invention with a single cleaning tool for a robot arm.

IPC 8 full level

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