

Title (en)  
PROFILE STRAIGHTENING APPARATUS FOR A PROFILING INSTALLATION AND METHOD FOR CORRECTING AXIAL DEVIATIONS OF A METAL PROFILE

Title (de)  
PROFIL-RICHTAPPARAT FÜR EINE PROFILIERANLAGE UND VERFAHREN ZUM KORRIGIEREN VON AXIALEN ABWEICHUNGEN EINES METALLPROFILS

Title (fr)  
APPAREIL DE DRESSAGE DE PROFILÉ POUR UNE INSTALLATION DE PROFILAGE ET METHODE POUR CORRIGER DES DEVIATIONS AXIALES D'UN PROFILÉ EN METAL

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Application  
**EP 19193157 A 20190822**

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Abstract (en)  
[origin: CA3087959A1] The invention relates to a profile straightening apparatus 5 for a profiling system which is used to produce a metal profile 4 by roll profiling along a longitudinal axis 9 of the metal profile 4, wherein the profile straightening apparatus 5 is intended for correcting axial deviations of the metal profile 4 from a prescribed profile geometry, having a frame 8 and having at least two interacting correction rollers 6, 7, which are mounted in the frame 8, receive the metal profile 4 between them and, in relation to the longitudinal axis of the metal profile 4, are adjustable in two radial directions and also in at least one direction of rotation. The profile straightening apparatus 5 is equipped with force measuring sensors for any forces  $F_y$ ,  $F_z$ , acting in the metal profile 4 in one or both radial directions and for any torques  $M_x$  acting in the metal profile 4 in a direction of rotation about the longitudinal axis.

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