

Title (en)

A METHOD OF ENSURING FLATNESS OF A VANE IN A HEADBOX BY MEANS OF A MOUNTING ARRANGEMENT, HEADBOX WITH SUCH A MOUNTING ARRANGEMENT AND MOUNTING ARRANGEMENT THEREFOR

Title (de)

VERFAHREN ZUR SICHERUNG DER PLANHEIT EINER LEITSCHAUFEL IN EINER PAPIERMASCHINE DURCH EINE AUFNAHMEVORRICHTUNG, STOFFAUFLAUF MIT SOLCHER AUFNAHMEVORRRICHTUNG UND AUFNAHMEVORRICHTUNG DAFÜR

Title (fr)

PROCEDE PERMETTANT D'ASSURER LA PLANEITE D'UNE PALE DANS UNE CAISSE DE TETE AU MOYEN D'UN AGENCEMENT DE MONTAGE, CAISSE DE TETE DOTE E DUDIT AGENCEMENT DE MONTAGE ET AGENCEMENT DE MONTAGE POUR LADITE CAISSE DE TETE

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Abstract (en)

[origin: WO0198583A1] A method of ensuring the flatness of a vane (14) that is mounted in a headbox by means of a mounting arrangement including engagement dowels (22) for cooperation with a downstream support wall (25) of a transverse groove (20), said vane being affected during operation by shearing forces from the stock and by retaining forces from the mounting arrangement. In accordance with the invention outer engagement dowels are mounted at the side edges (31, 32) of the vane to cooperate during a specific period of time, as the only engagement dowels (22a), with the downstream support wall in order to take up said shearing forces, whereby tensile stresses will arise in the downstream end portion (33) of the vane in the cross machine direction. The invention also relates to a headbox having such a mounting arrangement and the mounting arrangement per se in which the vane within and downstream of an inner area (35) of the upstream end portion (21) of the vane is arranged to move freely in the machine direction in relation to said downstream support wall during said period of time.

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