Title (en)

FRICTION BODY OF LAMINATE CONSTRUCTION, IN PARTICULAR FOR A PAPER OR CARDBOARD MACHINE, METHOD FOR PRODUCTION AND USE THEREOF

Title (de)

VERSCHLEISSKÖRPER IN SCHICHTVERBUNDBAUWEISE, INSBESONDERE IN EINER PAPIER- ODER KARTONMASCHINE, VERFAHREN ZU SEINER HERSTELLUNG UND SEINE VERWENDUNG

Title (fr)

CORPS DE FROTTEMENT A STRUCTURE STRATIFIEE, CONCU EN PARTICULIER POUR UNE MACHINE A PAPIER OU A CARTON, SON PROCEDE DE PRODUCTION ET SON UTILISATION

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Application

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Abstract (en)

[origin: DE10130323A1] The invention relates to a friction body (1) of laminate construction, according to the generic part of claim 1. The invention is characterised in that the friction body (1) comprises a support body (6), made from stainless steel (6.1) and/or copper and/or nickel and/or a die-casting and/or aluminium and/or zinc and/or at least one alloy of the above, or a plastic support (6.2) with at least one integrated plate (6.3) made from stainless steel (6.1) and/or copper and/or nickel and/or a die-casting and/or aluminium and/or zinc and/or at least one alloy of the above, the friction body (1) has a run-in region (7) with a run-in angle (beta) for the medium (4.1), which is </= 90 DEG , preferably </= 45 DEG , at least the partial surface (3) of the friction body (1) which undergoes wear comprises at least one low-friction layer (9), made from at least one alloy from the class of self-flowing alloys (8) and the low-friction layer (9) is thermally unmelted. The invention further relates to a method for the production and use thereof.

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