

Title (en)

Method for producing a scour-proof overlay

Title (de)

Verfahren zur Herstellung eines scheuerfesten Overlays

Title (fr)

Procédé de fabrication d'une surcouche résistant à l'abrasion

Publication

EP 2090695 B1 20100421 (DE)

Application

EP 09001209 A 20090129

Priority

DE 102008008808 A 20080212

Abstract (en)

[origin: EP2090695A1] The method for producing abrasion-resistant overlays for laminates, comprises rolling an overlay-based paper of a roll for receipt of a paper web (10), one-sided dampening the paper web with an impregnating agent (14), impregnating the paper web in the core and metering the application of an impregnating agent, one-sided wet-in-wet applying a rough corundum-resin dispersion (27) on the paper web and metering, mutually wet-in-wet applying a coating mass (29) on the paper web, metering the applied coating mass by a metering unit through blades on the desired weight, and drying the paper web. The method for producing abrasion-resistant overlays for laminates, comprises rolling an overlay-based paper of a roll for receipt of a paper web (10), one-sided dampening the paper web with an impregnating agent (14), impregnating the paper web in the core and metering the application of an impregnating agent, one-sided wet-in-wet applying a rough corundum-resin dispersion (27) on the paper web and metering, mutually wet-in-wet applying a coating mass (29) on the paper web, metering the applied coating mass by a metering unit through blades on the desired weight, and drying the paper web using an entire drying channel length and -capacity. After impregnation of the paper web, a one-sided washing of the paper web takes place via the resin-rough corundum dispersion. The application of the coating mass takes place in form of resin-additive application. The coating mass is guided between the two blades. The lower surface of the paper web is brought towards the blades and is removed by the blades. The coating mass is applied in a uniformly distributed manner and is supplied by an inlet gate of the paper web. An independent claim is included for an impregnation device for producing overlays for laminates.

IPC 8 full level

D21H 19/38 (2006.01); **B44C 5/04** (2006.01); **D21H 27/26** (2006.01)

CPC (source: EP US)

B44C 5/0476 (2013.01 - EP US); **D21H 19/385** (2013.01 - EP US); **D21H 27/26** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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