Title (en)

ROLLER WITH COATING

Title (de)

WALZE MIT BESCHICHTUNG

Title (fr)

CYLINDRE AVEC REVÊTEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016012214A1] The invention relates to a heatable roller suitable for a machine for producing and/or finishing a material web, in particular a fibrous web such as a paper, cardboard or tissue web, having a main body which comprises a metallic or cylindrical roller shell which can be heated by way of suitable means and on the radially outer side of which a coating is applied at least in sections, which coating, when the roller is used as intended, provides a web contact side which can be brought into contact with the material web. The coating comprises at least one metallic or metal carbide layer or is formed therefrom, wherein the at least one metallic or metal carbide layer comprises a first layer component which provides a matrix and a second layer component which is arranged distributed in the matrix, or is formed from said layer components, and the first layer component has a higher abrasion resistance than the second layer component, and the second layer component has a greater thermal conductivity than the first layer component. The invention also relates to a method for coating a roller of this type.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

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