

Title (en)
SUCTION OR BLOW ROLL

Title (de)
SAUG- ODER BLASWALZE

Title (fr)
ROULEAU ASPIRANT OU SOUFFLANT

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Abstract (en)
[origin: WO2005035868A1] The invention relates to a suction or ventilation roll of a machine for producing and/or finishing a paper, cardboard, tissue or other fibrous material web (2). Said roll comprises a rotatable, perforated roll jacket (1) and at least one pressure zone (9), which only extends over part of the roll circumference and is formed by a fixed pressure compartment (6) located in the interior of the roll and open towards the roll jacket (1). The pressure compartment (6) is connected to a negative- or excess-pressure source and is sealed in relation to the roll jacket (1) by means of at least one sealing element (7). One aim of the invention is to reduce the noise emissions. To achieve this, a substantially air-tight cover (5), which runs in the direction of the circumference and is located outside the pressure compartment (6), adjoins a sealing element (7), said cover making contact with the roll jacket (1), or being placed at a distance of less than 100 mm to the latter.

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