Title (en)

HEATABLE CALENDER BOWL

Title (de)

BEHEIZBARE KALANDERWALZE

Title (fr)

ROULEAU DE CALANDRE CHAUFFABLE

Publication

EP 1159484 A1 20011205 (DE)

Application

EP 00920459 A 20000301

Priority

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Abstract (en)

[origin: WO0053847A1] The invention relates to a calender bowl which can be heated by means of a heating medium that is in a liquid or gaseous state of matter. The calender bowl comprises a roll body (1) that is provided with peripheral bores (4) and flange journals (2, 3) comprising supply and discharge conduits for the heating medium. Thermal insulating bushes (8) are mounted on the end areas of the peripheral bores. The heating medium flows through the peripheral bores. The aim of the invention is to adapt the heat transfer from said bores to the lateral surface of the roll body to the respective heat requirements in such a way that the harmful measured differences stay within limits so that the product is not impaired. To this end, adjusting devices are allocated to the flange journals for controllably turning and/or axially displacing the insulating bushes.

IPC 1-7

D21G 1/02

IPC 8 full level

D21G 1/02 (2006.01)

CPC (source: EP US)

D21G 1/0286 (2013.01 - EP US); **F28F 5/02** (2013.01 - EP US)

Citation (search report)

See references of WO 0053847A1

Cited by

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