

Title (en)

DOUBLE BELT PRESS WITH HEATABLE OR COOLABLE PARTS AND METHOD FOR THEIR MANUFACTURE

Publication

EP 0292738 A3 19900110 (DE)

Application

EP 88107044 A 19880503

Priority

DE 3717649 A 19870526

Abstract (en)

[origin: EP0292738A2] The invention relates to heatable or coolable parts of a double belt press or of a single- or multi-storey press, in which channels are provided for a fluid heat-transfer medium. In these channels, heat is exchanged between the walls of the channels and the heat-transfer medium by convection. To improve the heat exchange, surface-increasing inserts of readily heat-conducting material are inserted into the channels. These surface-increasing inserts have a face which is fixed to the walls of the channels with good heat-conducting contact. Emanating from this face of the surface-increasing insert are a plurality of elements projecting into the flow of the heat-transfer medium. For manufacturing the channels, bores are incorporated in the heatable or coolable parts of the double belt press. For the surface-increasing insert, which is composed of a plurality of identical or different individual parts, the said individual parts are manufactured separately and then inserted into the bore in such a way that they bear flat against the wall of the bore. <IMAGE>

IPC 1-7

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CPC (source: EP US)

B30B 5/06 (2013.01 - EP US); **B30B 15/064** (2013.01 - EP US)

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