

Title (en)

METHOD AND DEVICE FOR THE HEATING OF HEATABLE MACHINE PARTS AT A DOUBLE-BELT PRESS

Publication

EP 0184766 B1 19880518 (DE)

Application

EP 85115386 A 19851204

Priority

DE 3445634 A 19841214

Abstract (en)

[origin: US4699676A] A process of heating parts of a double band press used in pressing a material moving through the press involves heating a heat transfer medium and flowing it through the press parts in a first direction and, at specific time intervals, reversing the direction of flow so that it passes in the opposite direction. By periodically reversing the direction of flow, differential thermal expansion is avoided within the press parts. In a device for carrying out the process, a supply line and a return line are connected to a device for heating the return heat transfer medium. A reversing valve is connected to the supply and return line so that the direction of flow of the heat transfer medium through the press parts can be reversed for providing a balanced heating effect.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0184766 A1 19860618; **EP 0184766 B1 19880518**; CN 85108808 A 19860610; CN 85108808 B 19881005; DE 3445634 A1 19860619; DE 3445634 C2 19931209; JP H0333108 B2 19910515; JP S61143140 A 19860630; SU 1433401 A3 19881023; US 4699676 A 19871013

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