

Title (en)

Fabricated hot plate, particularly for corrugated paperboard making

Title (de)

Hergestellte Heissplatte, insbesondere zur Herstellung von Wellpappebögen

Title (fr)

Plaque chauffante, particulièrement pour la fabrication de carton ondulé

Publication

**EP 0768170 A1 19970416 (EN)**

Application

**EP 96116435 A 19961014**

Priority

US 54320295 A 19951013

Abstract (en)

A fabricated hot plate assembly, particularly suited for use in a corrugated paperboard double facer utilizes elongate angular steel components (17,18,20,84,51,52,78,80,81), which may be configured from a wide variety of shapes and assembled using molten metal connecting processes, such as welding and brazing, or high strength, temperature resistant adhesives. The connecting process results, in each embodiment, in a hot plate having two heating surfaces and which is invertible to utilize the second heating surface when the first is worn to the point of replacement. Parallel stream transfer channels through the plates in the cross machine direction are formed in the fabrication process and each embodiment of the hot plate may utilize the same steam supply and condensate collecting manifolds (25) and underlying plate supporting system. Each of the plates may be made of relatively thin material making the hot plates thermally responsive to rapid heating and/or cooling. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

**B31F 1/285** (2013.01 - EP); **B31F 1/36** (2013.01 - KR); **F28F 3/12** (2013.01 - EP)

Citation (search report)

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