

Title (en)
Rotary drum.

Title (de)
Drehtrommel.

Title (fr)
Tambour rotatif.

Publication
EP 0305706 A2 19890308 (DE)

Application
EP 88111385 A 19880715

Priority
DE 3729032 A 19870831

Abstract (en)
Indirectly heated rotary drums are equipped with heat exchange elements which are flowed through by a heat transfer medium. The large number of heating channels necessary with the associated connections, supports, lead-throughs etc. gives rise to considerable production outlay. These rotary drums are thus expensive. As a result of the complicated working cycles, they must as a rule be completely assembled in the workshop. Assembly on site is hardly possible. The new rotary drum is cheaper and easier to assemble. The heat exchange elements are designed as pipe panels (18). The rotary drum is especially suitable for drying and cooling bulk materials, in particular drying wood chips (Fig. 1). <IMAGE>

Abstract (de)
Zur Verminderung des Fertigungsaufwands sind in einer indirekt beheizten Drehtrommel die Wärmeaustauschelemente, die von einem Wärmeträgermedium durchströmt werden, als Rohrtafeln (18) ausgebildet. Die Drehtrommel ist besonders geeignet für die Trocknung und Kühlung von Schüttgütern, insbesondere Trocknung von Holzspänen.

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F26B 11/04; **F26B 23/10**

IPC 8 full level
F26B 11/04 (2006.01); **F26B 23/10** (2006.01)

CPC (source: EP)
F26B 11/045 (2013.01); **F26B 23/10** (2013.01)

Cited by
CN111735286A; EP0447671A1; CN102914125A; CN104236296A; EP1580507A3; CN101832704A; CN103443570A; EP2610569A4; EP3214396A1; EP2249113A1; US6415527B1; WO2005024327A1; WO9954674A1; US9683779B2; US10088231B2; EP3323898B1; EP3323898B2

Designated contracting state (EPC)
AT DE ES FR IT

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