

Title (en)
Dryer section.

Title (de)
Trockenpartie.

Title (fr)
Section de séchage.

Publication
EP 0507218 B1 19950517 (DE)

Application
EP 92105274 A 19920327

Priority
DE 4110875 A 19910404

Abstract (en)
[origin: US5230165A] A web guiding structure in a drying section downstream from a coating device, and having suspension and infrared dryers and with a directly preceding coating device for paper or board. A rigid beam-like chest-like web bend device with blowing elements is adapted to produce a pressurized gas cushion for the web for contact-free bending of the web in its direction through an angle between 50 DEG and 120 DEG , so that with an increase in its distance from the bending device, the web also moves away from the coating device. Following the bend device a heating device or a suspension device having beam-like, chest-like blowing air guide devices in each case produces a course of the web undulating in the direction of movement of the web (web valleys and crests extending in the transverse direction) on the upper and lower sides of the web. Further dryers are included, with radiation and/or a hot gas action, and are alternately arranged with drying devices in the form of infrared dryers and suspension dryers, alternating at least twice.

IPC 1-7
F26B 3/30; **F26B 13/20**

IPC 8 full level
B65H 20/14 (2006.01); **B65H 23/022** (2006.01); **B65H 23/24** (2006.01); **F26B 3/28** (2006.01); **F26B 3/30** (2006.01); **F26B 13/20** (2006.01)

CPC (source: EP US)
B65H 20/14 (2013.01 - EP US); **B65H 23/022** (2013.01 - EP US); **B65H 23/24** (2013.01 - EP US); **F26B 3/283** (2013.01 - EP US); **F26B 13/104** (2013.01 - EP US); **B65H 2406/111** (2013.01 - EP US)

Cited by
EP0770731A1; EP0643167A1; EP0643168A1; US5830275A; EP0744366A3; EP2626463A1; FR2710971A1; EP0726220A3; US5570519A; US5771602A; US5496406A; EP0631098A1; US5567237A; WO9530795A1; WO9510012A1

Designated contracting state (EPC)
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