

Title (en)

Modular machine for producing or/and treating or/and handling a running web of material, in particular of paper or cardboard

Title (de)

Modulare Maschine zur Herstellung oder/und Behandlung oder/und Handhabung einer laufenden Materialbahn insbesondere aus Papier oder Karton

Title (fr)

Machine modulaire pour la fabrication ou/et le traitement ou/et la manipulation d'une bande de matériau en mouvement, notamment en papier ou carton

Publication

EP 1669493 A1 20060614 (DE)

Application

EP 05111678 A 20051205

Priority

DE 102004059402 A 20041209

Abstract (en)

The supplementary module is an integral component of the module foundation (38) and movable in or against the machine longitudinal direction on the machine foundation by connecting arrangements. The paper is arranged to the longitudinal direction of the modules. Foundation rails are arranged on the machine foundation. The machine modules exhibit a storage base (48) arranged to the fundament rails. INDEPENDENET CLAIMS are included for: (1) machine modules; (2) module foundation; (3) plant for paper production; and (4) paper production using the above machine.

IPC 8 full level

D21F 9/00 (2006.01)

CPC (source: EP)

D21F 9/00 (2013.01)

Citation (search report)

- [XY] EP 1437516 A2 20040714 - VOITH PAPER PATENT GMBH [DE]
- [XY] GB 1391993 A 19750423 - COLLIN H
- [XY] US 58291159 A 19981103 - HODGINS GARY W [CA], et al
- [XY] US 4239593 A 19801216 - DUNSMOOR EARL W JR [US]
- [XY] DE 4037423 A1 19920527 - VOITH GMBH J M [DE]

Cited by

EP2735647A1; CN103835177A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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