Title (en)

A MACHINE FOR TREATING SHEET-SHAPED GOODS WITH VARIOUS MEDIA, AND GOODS CARRIER FOR USE IN SUCH A MACHINE

Title (de)

MASCHINE ZUR BEHANDLUNG VON BLATTFÖRMIGEN WAREN MIT VERSCHIEDENEN MEDIEN UND WARENTRÄGER ZUR VERWENDUNG IN EINER SOLCHEN MASCHINE

Title (fr)

MACHINE PERMETTANT DE TRAITER DES ARTICLES EN FORME DE FEUILLE AVEC DIVERS MILIEUX ET PORTE-ARTICLES DESTINE A ETRE UTILISE DANS UNE TELLE MACHINE

Publication

**EP 1037836 A1 20000927 (EN)**

Application

**EP 98953138 A 19981104**

Priority

• SE 9801996 W 19981104
• SE 9704099 A 19971110

Abstract (en)

[origin: WO9924337A1] A machine for treating sheet-shaped goods (1) has goods carriers (8) conveying the goods (1) along a transport line (14), a liquid-treating department (2) with vessels (9) and individual lowering and raising devices (10) to support and manipulate the goods carriers in conjunction with each vessel, and transport means for moving the goods carriers along the transport line. According to the invention the machine also comprises an integrated heat-treating department (3), transport means to convey the goods carriers from the outlet end (5) of the liquid-treating department to the inlet end (6) of the heat-treating department, a loading and unloading station (49) for loading an empty goods carrier and unloading a goods carrier (8) containing ready-treated goods, a device for moving the goods carriers from the loading and unloading station to the inlet end (4) of the liquid-treating department and from the outlet end (7) of the heat-treating department to the loading and unloading station. Said transport line for the goods carriers form a closed loop.

IPC 1-7

**B65G 49/07**

IPC 8 full level

**B65G 49/04** (2006.01); **H05K 3/00** (2006.01); H05K 3/38 (2006.01)

CPC (source: EP)

**B65G 49/0463** (2013.01); **H05K 3/0085** (2013.01); H05K 3/385 (2013.01)

Citation (search report)

See references of WO 9924337A1

Designated contracting state (EPC)

CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9924337 A1 19990520**; AU 1058699 A 19990531; CN 1290228 A 20010404; EP 1037836 A1 20000927; SE 510957 C2 19990712; SE 9704099 D0 19971110; SE 9704099 L 19990511; TW 379195 B 20000111

DOCDB simple family (application)

**SE 9801996 W 19981104**; AU 1058699 A 19981104; CN 98811046 A 19981104; EP 98953138 A 19981104; SE 9704099 A 19971110; TW 87117936 A 19981029