Title (en)
CUSHIONING PAD PRODUCTION MACHINE WITH A SYSTEM FOR MEASURING THE LENGTH OF THE RESULTING PAD

Title (de)
MASCHINE ZUR HERSTELLUNG VON POLSTERMATTEN MIT SYSTEM ZUR MESSUNG DER LÄNGE DERHERGESTELLTEN MATTEN

Title (fr)
MACHINE DE FABRICATION DE MATELAS DE REMBOURRAGE A SYSTEME DE MESURE DE LONGUEUR DE MATELAS PRODUIT

Publication
EP 0876291 A1 19981111 (FR)

Application
EP 97901141 A 19970122

Priority
- FR 9700123 W 19970122
- FR 9600826 A 19960122
- FR 9604031 A 19960327

Abstract (en)
[origin: WO9727136A1] A machine for making a packing/cushioning pad from a stack of paper sheets in a web (M) fed by a pair of vertically aligned wheels (8, 11) and joined together by a second pair of wheels (14, 17) after having been creased transversely between the two pairs of wheels (8, 11, 14, 17). The feed wheels (8, 11) rotate at a substantially higher speed than the joining wheels (14, 17) and thus cause transverse creasing of the material (M). The machine is provided with means for measuring the length of the resulting web of material (M), which means comprise a device (c, 40) for measuring the angular distance covered by one of the pairs of wheels (8, 11, 14, 17), and an electronic device (uc) for correcting the angular distance to be covered in order to give the actual resulting linear web length.

IPC 1-7
B65H 35/00; B31D 5/00

IPC 8 full level
B31D 5/00 (2006.01); **B65H 35/00** (2006.01)

CPC (source: EP)
B31D 5/0047 (2013.01); **B31D 5/0052** (2013.01); **B65H 35/0066** (2013.01); B31D 2205/0023 (2013.01); B31D 2205/0047 (2013.01); B31D 2205/0082 (2013.01); B31D 2205/0088 (2013.01)

Citation (search report)
See references of WO 9727136A1

Cited by
WO2018206586A1; US11904570B2; US11370190B2; US11518135B2; US11607859B2; EP1848314A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9727136 A1 19970731; AU 1448897 A 19970820; DE 69700548 D1 19991028; DE 69700548 T2 20000427; EP 0876291 A1 19981111; EP 0876291 B1 19990922

DOCDB simple family (application)
FR 9700123 W 19970122; AU 1448897 A 19970122; DE 69700548 T 19970122; EP 97901141 A 19970122