

Title (en)
AUTOMATED END LABELER SYSTEM

Title (de)
AUTOMATISCHES ETIKETTIERUNGSSYSTEM FÜR ENDEN

Title (fr)
SYSTEME AUTOMATIQUE D'ETIQUETAGE D'EXTREMITÉ

Publication
EP 1011967 A4 20001115 (EN)

Application
EP 96904432 A 19960104

Priority
US 9600121 W 19960104

Abstract (en)
[origin: WO9725204A1] An automated end labeler system (1) includes a scanning unit with a robotic label applicator (24) attached for horizontal movement on a horizontal arm (27). The horizontal arm (27) is capable of controlled vertical movement on a stand (26). The unit (24) emits a focused incident scanning energy beam (38) and receives the reflection of this beam off the end of a lumber unit (10). Electrical power and control signals are provided to the unit (24) via a cable (25). The system (1) is in direct communication with an office computer system (100) via a communications link (101). In a first alternative embodiment, optically responsive material is demarcated with laser light. In a second alternative embodiment, multiple spray heads apply paints having various optically reflective properties.

IPC 1-7
B32B 31/00; G06K 1/12

IPC 8 full level
B65C 1/02 (2006.01); **B65C 9/44** (2006.01); **B65C 9/46** (2006.01)

CPC (source: EP)
B65C 1/021 (2013.01); **B65C 9/44** (2013.01); **B65C 9/46** (2013.01)

Citation (search report)

- [DXAY] US 5307294 A 19940426 - AMAN JAMES A [US], et al
- [Y] US 5208962 A 19930511 - WALKER JR ALLEN R [US]
- See references of WO 9725204A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9725204 A1 19970717; AU 4854196 A 19970801; AU 708229 B2 19990729; EP 1011967 A1 20000628; EP 1011967 A4 20001115

DOCDB simple family (application)
US 9600121 W 19960104; AU 4854196 A 19960104; EP 96904432 A 19960104