

Title (en)
Method for manufacturing a tubular package as well as the tubular package

Title (de)
Verfahren zum Herstellen einer Verpackung in Form einer Tube sowie die Verpackung

Title (fr)
Procédé pour fabriquer un emballage tubulaire ainsi que l' emballage tubulaire

Publication
EP 1321368 A1 20030625 (DE)

Application
EP 02027473 A 20021210

Priority
DE 10162810 A 20011219

Abstract (en)
Method for packaging production, especially tube type packaging, in which a surface coating is applied to a packaging body and then a laser (12) is used to burn a code into the surface coating, said code containing product information, etc. Alternately the code can be produced by burning away the surface coating. <??>Independent claims are made for a packaging production device and tube type packaging with a surface layer in which a code is burnt in or burnt away.

Abstract (de)
Die Erfindung bezieht sich auf ein neuartiges Verfahren zum Herstellen einer Verpackung, insbesondere Tuben- oder Röhrchenverpackung, bei dem (Verfahren) zumindest auf die Außenfläche eines Verpackungskörpers eine Oberflächenbeschichtung aufgebracht wird. <IMAGE>

IPC 1-7
B65B 61/26; G06K 19/06

IPC 8 full level
B65B 61/26 (2006.01); **B65D 35/06** (2006.01)

CPC (source: EP)
B65B 61/26 (2013.01); **B65D 35/06** (2013.01); **B41M 5/24** (2013.01); **B41M 5/26** (2013.01); **B41M 5/267** (2013.01); **B65D 2203/06** (2013.01)

Citation (search report)
• [XY] DE 19701547 A1 19980312 - SCHMALBACH LUBECA [DE]
• [XA] US 4990792 A 19910205 - FREI MATTHIAS [CH]
• [X] DE 4107012 A1 19920910 - WILD RUDOLF GMBH & CO [DE]
• [X] DE 4237577 A1 19930527 - A A A SOFTWARE CONSULTING & MF [IL]
• [Y] US 6164552 A 20001226 - SATO KAZUO [JP]
• [A] DE 19832614 A1 20000127 - METEC GMBH [DE]
• [A] EP 0516956 A2 19921209 - ELPATRONIC AG [CH]
• [A] EP 0388785 A2 19900926 - KAUTEX WERKE GMBH [DE]
• [A] US 6270728 B1 20010807 - WIJNSCHENK RONALD JOSEPHUS CLE [NL], et al

Cited by
US2021206186A1; US10677810B2; IT201800011120A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1321368 A1 20030625; DE 10162810 A1 20030703

DOCDB simple family (application)
EP 02027473 A 20021210; DE 10162810 A 20011219