

Title (en)
Folding machine

Title (de)
Faltmaschine

Title (fr)
Machine a plier

Publication
EP 1398141 A3 20051019 (DE)

Application
EP 03019616 A 20030904

Priority
DE 10241448 A 20020906

Abstract (en)
[origin: EP1398141A2] The folding machine for box blanks (8) has a folding station (2) in which the side flaps (29,31) are folded and overlapped in a closure position. The station has conveyor (9) belts with the gap between conveyed blanks being dependent on the size of the tube formed from the blank. A closure station (4) is provided for the blank closure sections and also has a conveyor. There is an intermediate station (3) which has a conveyor to reduced the spacing between the blanks.

IPC 1-7
B31B 5/36; B65B 49/00; B31B 1/02; B65G 47/26

IPC 8 full level
B31B 5/36 (2006.01); **B31B 50/02** (2017.01); **B31B 50/58** (2017.01); **B31B 50/62** (2017.01); **B31B 50/72** (2017.01)

CPC (source: EP)
B31B 50/00 (2017.07); **B31B 50/58** (2017.07); **B31B 50/624** (2017.07); **B31B 50/726** (2017.07); **B31B 2100/00** (2017.07); **B31B 2100/0022** (2017.07); **B31B 2120/30** (2017.07)

Citation (search report)

- [A] EP 0474973 A1 19920318 - BAHMUELLER MASCH W [DE]
- [A] DE 2911969 A1 19801016 - BAHMUELLER MASCH W
- [AD] EP 0388649 A1 19900926 - BAHMUELLER MASCH W [DE]
- [A] US 2001012813 A1 20010809 - BLUEMLE MARTIN [DE]

Cited by
DE102007053806A1; CN109195785A; EP3450157A4; US11338535B2; EP2058115A2

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

DOCDB simple family (publication)
EP 1398141 A2 20040317; **EP 1398141 A3 20051019**; **EP 1398141 B1 20070228**; AT E355165 T1 20060315; DE 10241448 A1 20040318; DE 50306637 D1 20070412; ES 2282555 T3 20071016

DOCDB simple family (application)
EP 03019616 A 20030904; AT 03019616 T 20030904; DE 10241448 A 20020906; DE 50306637 T 20030904; ES 03019616 T 20030904