

Title (en)
Zig-zag folding machines.

Title (de)
Maschinen zum Zickzackfalten.

Title (fr)
Machines à plier en accordéon.

Publication
EP 0037650 A1 19811014 (EN)

Application
EP 81301095 A 19810316

Priority

- GB 8010812 A 19800331
- GB 8100010 W 19810203

Abstract (en)
First and second parallel folding rollers (6 and 7) respectively co-operate with third and fourth folding rollers (4 and 5) of folder means to form first and second folding devices (4, 6 and 5, 7). Non-return feed rollers (8 and 9) are mounted between the first and second folding rollers (6 and 7) for folding pliable strip material (3) alternately to the two folding devices (4, 6 and 5, 7) and an intermediate part (14) of the folder means extends between the third and fourth folding rollers (4 and 5) so as to act as a guide for the pliable strip material (3). Movable guide means (12) are operable to deflect the leading end (24) of the pliable strip material (3) towards the first folding devices (4 and 6).

IPC 1-7
B65H 45/20

IPC 8 full level
B65H 45/20 (2006.01)

CPC (source: EP)
B65H 45/20 (2013.01)

Citation (search report)

- DE 2227582 A1 19740103 - METEOR SIEGEN APPARAT SCHMECK
- DE 2110964 A1 19711209 - POLYGRAPH LEIPZIG
- FR 842423 A 19390612
- DE 124637 C
- US 1709282 A 19290416 - RADER EARL D
- DE 962258 C 19570418 - FALZ UND HEFTMASCHINENWERK LEI
- Van Der Grinten Bulletin, June 22, 1967, Venlo, NL "Inrichting voor het Vouwen van Vellen en Banen", pages 5-7 *page 5, line 11 to page 7, line 8

Cited by
EP0379712A1; EP0171486A1; EP0645335A1; US9328606B2

Designated contracting state (EPC)
BE IT

DOCDB simple family (publication)
EP 0037650 A1 19811014

DOCDB simple family (application)
EP 81301095 A 19810316