

Title (en)
DEVICE FOR FOLDING ARTICLES

Publication
EP 0015311 B1 19820519 (DE)

Application
EP 79104386 A 19791108

Priority
DE 2849431 A 19781115

Abstract (en)
[origin: US4300896A] Device for folding materials, including a belt conveyor material transport assembly extending over three transport sections, the assembly including three groups of endless belts, the first group of belts being above the three transport sections, the second group of belts being below the first transport section, the third group of belts being below the third transport section and a swing-plate having a surface below the second transport section; a retractable material stop between belts of the third group of endless belts; a device for guiding the swing-plate from a starting position through a 180 DEG turn about the rear edge thereof, a holder swingably supported above the swing-plate with extensions disposed thereon operable to push the swing-plate through the swing of the holder into the starting position; in a double-folding operation, the holder being contactable with the rear edge of the swing-plate, the front edge of said swing-plate forming a first crease in the material, and (the rear edge forming a second crease; guide rollers supporting) the third group of belts at the ends thereof closest to the swing-plate; in a single-folding operation, the guide rollers being swingable between belts of the first group, simultaneously operable exit rollers for additionally creasing the folds in the material; and a sensor on the stop triggerable by the leading edge of the material for shutting off the assembly and synchronizing the swing-plate holder and stop.

IPC 1-7
B65H 45/12

IPC 8 full level
B65H 45/14 (2006.01); **B65H 45/12** (2006.01)

CPC (source: EP US)
B65H 45/12 (2013.01 - EP US)

Cited by
GB2254603A; EP0508713A3; GB2254603B

Designated contracting state (EPC)
CH FR GB NL

DOCDB simple family (publication)
DE 2849431 B1 19800313; DE 2849431 C2 19801106; EP 0015311 A1 19800917; EP 0015311 B1 19820519; JP S5570662 A 19800528; US 4300896 A 19811117

DOCDB simple family (application)
DE 2849431 A 19781115; EP 79104386 A 19791108; JP 14716079 A 19791115; US 9421079 A 19791114