

Title (en)
Apparatus and method for folding a sheet

Title (de)
Vorrichtung und Verfahren zum Falzen eines Blattes

Title (fr)
Appareil et procédé pour plier une feuille

Publication
EP 2223879 A1 20100901 (EN)

Application
EP 09154003 A 20090227

Priority
EP 09154003 A 20090227

Abstract (en)
In an apparatus for folding a sheet (7, 8) of paper, a pair of folding rollers (10, 11) forms a folding nip (12). A sheet (7, 8) is fed in a feeding direction (13) to a first position extending along the folding rollers (10, 11). The sheet (7, 8) is bent adjacent to the folding nip (12) and urged into the folding nip (12). The bent portion of the sheet is folded in the folding nip (12). Then, the folded sheet is transported (7, 8) around one of the folding rollers (10, 11) to a second position extending along the folding nip (12) and the folding rollers (10, 11) at the input side of the folding rollers (10, 11). The sheet is again bent adjacent to the folding nip (12) and a bent portion is again folded in the folding nip (12). The folding roller (10, 11) around which the folded sheet (7, 8) is transported is the downstream one of the folding rollers (10, 11).

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B65H 45/14 (2006.01)

CPC (source: EP)
B65H 45/14 (2013.01); **B65H 45/145** (2013.01)

Citation (applicant)
US 5769774 A 19980623 - BECK CHRISTIAN A [US], et al

Citation (search report)
• [A] EP 0469867 A2 19920205 - XEROX CORP [US]
• [A] JP S61183055 A 19860815 - FUJI XEROX CO LTD
• [AD] US 5769774 A 19980623 - BECK CHRISTIAN A [US], et al

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EP2746205A1; US9643811B2

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