

Title (en)  
BUCKLING FOLDER AND SHEET FOLDING MACHINE WITH SUCH A BUCKLING FOLDER

Title (de)  
TASCHENFALZWERK UND BOGENFALZMASCHINE MIT EINEM SOLCHEN TASCHENFALZWERK

Title (fr)  
PLIEUSE A POUCHES ET PLIEUSE COMPRENANT UNE TELLE PLIEUSE A POUCHES

Publication  
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Application  
**EP 16174289 A 20160614**

Priority  
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Abstract (en)  
[origin: US2017015518A1] A buckle folding unit for sheets includes a buckle plate, three rollers that form a transport roller pair and a folding roller pair, and a blown-air nozzle for guiding the sheets. The at least one blown-air nozzle emits a blown-air jet in a direction radial to a common roller of the transport roller pair and the folding roller pair. The air jet places the sheet against the surface of the common roller and guides it into a nip of the folding roller pair in a defined way, advantageously resulting in an improved quality of the fold. A sheet-fed folding machine including a buckle folding unit is also provided.

IPC 8 full level  
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