

Title (en)  
PRINTING TARGET ROTATION MECHANISM AND PRINTER

Title (de)  
DRUCKZIEL-DREHMECHANISMUS UND DRUCKER

Title (fr)  
MÉCANISME DE ROTATION DE CIBLE D'IMPRESSION ET IMPRIMANTE

Publication  
**EP 4067094 B1 20231115 (EN)**

Application  
**EP 22165567 A 20220330**

Priority

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- JP 2022053713 A 20220329

Abstract (en)  
[origin: EP4067094A1] A printing target (6) having an outer circumferential shape that is at least partially cylindrical is rotated smoothly. A rotation mechanism (60) includes a first rotation shaft (81), a second rotation shaft (82), a frame (70), a rack (91) and a pinion (92). The first rotation shaft (81) extends in a first direction. The second rotation shaft (82) is aligned with the first rotation shaft (81) in a second direction crossing the first direction. The second rotation shaft (82) supports, together with the first rotation shaft (81), a printing target (6) having an outer circumferential shape that is partially cylindrical. The frame (70) supports at least one of the first rotation shaft (81) and the second rotation shaft (82) such that the at least one rotation shaft is rotatable. The rack (91) is provided on a support table (50) movable in the second direction with respect to the frame (70), and extends in the second direction. The pinion (92) is provided around the at least one rotation shaft, is rotatable together with the at least one rotation shaft, and is in mesh with the rack (91).

IPC 8 full level  
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