

Title (en)
OPTICAL SYSTEM AND LITHOGRAPHY APPARATUS

Title (de)
OPTISCHES SYSTEM UND LITHOGRAPHIEANLAGE

Title (fr)
SYSTÈME OPTIQUE ET APPAREIL LITHOGRAPHIQUE

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Application
EP 21763312 A 20210816

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Abstract (en)
[origin: WO2022058106A1] The invention relates to an optical system (200) for lithography apparatus (100A, 100B), comprising: a movable element (201), which is designed as an optical element or as a reference structure; and a functional element (202) having a first and a second portion (202a, 202b), wherein the first portion (202a) is fastened to the movable element (201) by a joining means along a fastening plane (204) and the second portion (202b) comprises a functional surface (203); wherein the functional element (202) comprises a decoupling device (207) for decoupling by deformation the first portion (202a) from the second portion (202b), wherein the decoupling device (207) is formed by a narrowing (205) of the functional element (202); the narrowing (205) is located laterally outside a region of the functional surface (203); and the functional surface (203) is a measurement surface which is suitable for acquisition for the purposes of positioning and/or orientating the movable element (201).

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