

Title (en)

X-ray optical arrangement with two focussing elements

Title (de)

Röntgenoptischer Aufbau mit zwei fokussierenden Elementen

Title (fr)

Montage optique radiographique doté de deux éléments focalisant

Publication

EP 2339332 B1 20181205 (DE)

Application

EP 10193792 A 20101206

Priority

DE 102009047672 A 20091208

Abstract (en)

[origin: EP2339332A2] The assembly (1) has a focusing element (4) i.e. Goebel mirror, radiating an X-ray light from a position an X-ray source (2) into a position of sample (3) via an intermediate focus (5). An X-ray detector (6) is moved to a circular arc (7) with a radius (R) around positions of the sample. Another focusing element (8) directs a part of the X-ray light emanating from the intermediate focus into positions of the sample. An aperture system (9) radiates light between the positions of the sample, where the light is directly illuminated from the intermediate focus or via the latter focusing element. The focusing elements are designed as a Johansson monochromator or a Goebel mirror.

IPC 8 full level

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CPC (source: EP US)

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