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Sommario/riassunto	X-ray phase contrast imaging is a highly promising technology for the clinical diagnostic. Particularly high demands are placed on the required X-ray gratings, as the core element of this method. Such gratings can be fabricated using LIGA-technology, where the structured area is currently limited to a few centimeters in the diagonal (e.g. 10 cm). In this work possibilities to enlarge the area of X-ray gratings, as they are required for the Talbot-Lau Interferometry, were developed and analyzed.