

Title (en)
MICROSCOPY SYSTEM

Title (de)
MIKROSKOPIESYSTEM

Title (fr)
SYSTEME DE MICROSCOPIE

Publication
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Application
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Abstract (en)
[origin: WO2007045500A1] The invention relates to a microscopy system for representing an object that can be placed on an object plane (1) of the microscopy system, the latter comprising a representation system (26) containing several optical elements for providing at least one optical representation path (2a, 2b, 2c, 2d). According to one embodiment of the invention, the optical elements comprise a plurality of optical lenses (4-8, 11, 13, 14), through which the optical representation path(s) (2a-2d) pass(es) in sequence and which represent the object plane (1) in an intermediate image (P). The optical lenses (4-8, 11) are configured in such a way that the representation of the object plane (1) in the intermediate image (P) is reduced a maximum 0.9 times, preferably a maximum 0.8 times, preferably a maximum 0.6 times, with 0.5 times being the preferred maximum reduction.

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Citation (search report)
See references of WO 2007045500A1

Citation (examination)

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- US 6631036 B2 20031007 - SCHUSTER KARL HEINZ [DE]
- US 5822114 A 19981013 - HANZAWA TOYOHARU [JP]

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