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(56) References cited:
WO-A2-2009/020193 US-A1- 2006 144 275
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• **JEONG ET AL: "A step-and-repeat UV-**
nanoimprint lithography process using an
elementwise patterned stamp",
MICROELECTRONIC ENGINEERING, ELSEVIER
PUBLISHERS BV., AMSTERDAM, NL, vol. 82, no.
2, 1 October 2005 (2005-10-01), pages 180-188,
XP005091207, ISSN: 0167-9317, DOI: DOI:
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EP 2 462 487 B8