

Title (en)  
IMPRINT LITHOGRAPHY PROCESSES AND SYSTEMS

Title (de)  
PRÄGEFORMLITHOGRAPHIEVERFAHREN UND -SYSTEME

Title (fr)  
PROCEDES ET SYSTEMES DE LITHOGRAPHIE D'EMPREINTE

Publication  
**EP 1549475 A4 20090401 (EN)**

Application  
**EP 03788242 A 20030710**

Priority  

- US 0321556 W 20030710
- US 19441402 A 20020711
- US 19499102 A 20020711
- US 19441102 A 20020711
- US 19441002 A 20020711

Abstract (en)  
[origin: WO2004016406A1] Processes of patterning substrates by imprint lithography using an apparatus (3900) including an imprint head (3100), an activating light source (3500), a motion stage (3600), a patterned template (3700), an imprint head support (3910), a motion stage support (3920), bridging supports (3930) and a support table (3940).

IPC 1-7  
**B29C 33/42**; **B29C 33/60**; **B29C 35/08**; **B29C 35/12**; **B29C 41/02**; **B29C 59/02**; **B29C 59/16**

IPC 8 full level  
**B29C 35/08** (2006.01); **B81C 1/00** (2006.01); **G03F 7/00** (2006.01); **H01L 21/027** (2006.01); **B29L 31/34** (2006.01)

CPC (source: EP KR)  
**A61P 31/04** (2017.12 - EP); **B29C 33/42** (2013.01 - KR); **B29C 33/60** (2013.01 - KR); **B29C 35/08** (2013.01 - KR); **B29C 59/16** (2013.01 - KR); **B81C 1/0046** (2013.01 - EP); **B82Y 10/00** (2013.01 - EP); **B82Y 40/00** (2013.01 - EP); **G03F 7/0002** (2013.01 - EP)

Citation (search report)  

- [Y] WO 0133300 A2 20010510 - UNIV TEXAS AT AUSTIN [US]
- [Y] US 2002042027 A1 20020411 - CHOU STEPHEN Y [US], et al
- [Y] WO 0147003 A2 20010628 - UNIV MASSACHUSETTS [US], et al
- [A] US 6218316 B1 20010417 - MARSH EUGENE P [US]
- See references of WO 2004016406A1

Citation (examination)  
WO 0206902 A2 20020124 - UNIV TEXAS [US]

Designated contracting state (EPC)  
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**WO 2004016406 A1 20040226**; AU 2003253862 A1 20040303; CN 101710228 A 20100519; CN 101710228 B 20120815; CN 1668437 A 20050914; EP 1549475 A1 20050706; EP 1549475 A4 20090401; EP 2388119 A1 20111123; EP 2388119 B1 20160907; JP 2005533393 A 20051104; JP 2010123985 A 20100603; KR 100963510 B1 20100615; KR 20050024324 A 20050310; MY 144124 A 20110815; MY 164487 A 20171229; TW 200405138 A 20040401; TW 200407682 A 20040516; TW 200408902 A 20040601; TW 200426496 A 20041201; TW 200604730 A 20060201; TW I289731 B 20071111; TW I295227 B 20080401; TW I319509 B 20100111; TW I326797 B 20100701

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**US 0321556 W 20030710**; AU 2003253862 A 20030710; CN 03816412 A 20030710; CN 200910211811 A 20030710; EP 03788242 A 20030710; EP 11176056 A 20030710; JP 2004529089 A 20030710; JP 2010004138 A 20100112; KR 20047020101 A 20030710; MY PI20032540 A 20030707; MY PI20032541 A 20030707; TW 92118862 A 20030710; TW 92118873 A 20030710; TW 92118881 A 20030710; TW 92118883 A 20030710; TW 94132622 A 20030710