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(54) **DIGITAL ANALYSIS OF MOLECULAR ANALYTES USING ELECTRICAL METHODS**  
DIGITALE ANALYSE MOLEKULARER ANALYTEN MITTELS ELEKTRISCHEN VERFAHREN  
ANALYSE NUMÉRIQUE D'ANALYTES MOLÉCULAIRES À L'AIDE DE PROCÉDÉS ÉLECTRIQUES

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(56) References cited:  
**EP-A1- 2 251 435 WO-A1-2007/097754**  
**US-A- 6 103 474 US-A1- 2005 250 094**  
• **GUNDERSON ET AL.: 'Decoding Randomly**  
**Ordered DNA Arrays.'** **GENOME RESEARCH** vol.  
**14, 12 April 2004, pages 870 - 877, XP002617593**  
• **LEE ET AL.: 'Ion-Sensitive Field-Effect Transistor**  
**for Biological Sensing'** **SENSORS** vol. 9, 07  
**September 2009, pages 7111 - 7131, XP003031254**

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