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(54) **USING REFLECTED SHEAR WAVES FOR MONITORING LESION GROWTH IN THERMAL ABLATIONS**

VERWENDUNG VON REFLEKTIERTEN SCHERWELLEN ZUR ÜBERWACHUNG DES
LÄSIONSWACHSTUMS IN THERMISCHEN ABLATIONEN

UTILISATION D'ONDES DE CISAILLEMENT RÉFLÉCHIES POUR SURVEILLER LA CROISSANCE
DE LÉSIONS DANS DES ABLATIONS THERMIQUES

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(56) References cited:
US-A1- 2015 305 717

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- **PENGFEI SONG ET AL: "Comb-Push Ultrasound Shear Elastography (CUSE): A Novel Method for Two-Dimensional Shear Elasticity Imaging of Soft Tissues", IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 31, no. 9, 1 September 2012 (2012-09-01), pages 1821-1832, XP011518757, ISSN: 0278-0062, DOI: 10.1109/TMI.2012.2205586**

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- **PENGFEI SONG ET AL: "Fast Shear Compounding Using Robust 2-D Shear Wave Speed Calculation and Multi-directional Filtering", ULTRASOUND IN MEDICINE & BIOLOGY, vol. 40, no. 6, 1 June 2014 (2014-06-01), pages 1343-1355, XP055185962, ISSN: 0301-5629, DOI: 10.1016/j.ultrasmedbio.2013.12.026**