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(54) **BIOMATRIX SCAFFOLDS FOR INDUSTRIAL SCALE DISPERSAL**

BIOMATRIXGERÜSTE ZUR DISPERGIERUNG INDUSTRIELLER ABLAGERUNGEN

ÉCHAFAUDAGES DE BIOMATRICE POUR DISPERSION À L'ÉCHELLE INDUSTRIELLE

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(56) References cited:
WO-A2-2010/039823 US-A1- 2002 177 551
US-A1- 2005 058 631 US-A1- 2007 154 552
US-A1- 2007 269 886 US-A1- 2009 060 961

• **E. A. ROSS ET AL: "Embryonic Stem Cells**
Proliferate and Differentiate when Seeded into
Kidney Scaffolds", JOURNAL OF THE
AMERICAN SOCIETY OF NEPHROLOGY, vol. 20,
no. 11, 1 November 2009 (2009-11-01), pages
2338-2347, XP55074894, ISSN: 1046-6673, DOI:
10.1681/ASN.2008111196
• **THOMAS SHUPE: "Method for the**
decellularization of intact rat liver",
ORGANOGENESIS, vol. 6, no. 2, 1 April 2010
(2010-04-01), pages 134-136, XP055083014,

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- YUNFANG WANG ET AL: "Lineage restriction of human hepatic stem cells to mature fates is made efficient by tissue-specific biomatrix scaffolds", HEPATOLOGY, vol. 53, no. 1, 1 January 2011 (2011-01-01), pages 293-305, XP55074897, ISSN: 0270-9139, DOI: 10.1002/hep.24012