

Title (en)
PRODUCTION OF COMPOSITE PARTICLES

Title (de)
HERSTELLUNG VON KOMPOSITPARTIKELN

Title (fr)
PRODUCTION DE PARTICULES COMPOSITES

Publication
EP 3302854 A1 20180411 (DE)

Application
EP 16728294 A 20160608

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Abstract (en)
[origin: WO2016198421A1] The invention relates to a method for producing composite particles, in which composite particles having a structured arrangement of nanoparticles are obtained from an emulsion that comprises at least two types of nanoparticles. This is achieved by exerting pressure onto the disperse phase of said emulsion.

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Citation (examination)
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• ELENA V. SHEVCHENKO ET AL: "Structural Characterization of Self-Assembled Multifunctional Binary Nanoparticle Superlattices", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 128, no. 11, 24 February 2006 (2006-02-24), US, pages 3620 - 3637, XP055703483, ISSN: 0002-7863, DOI: 10.1021/ja0564261
• VINAYAK RASTOGI ET AL: "Synthesis of Light-Diffracting Assemblies from Microspheres and Nanoparticles in Droplets on a Superhydrophobic Surface", ADVANCED MATERIALS, vol. 20, no. 22, 13 November 2008 (2008-11-13), DE, pages 4263 - 4268, XP055703484, ISSN: 0935-9648, DOI: 10.1002/adma.200703008
• See also references of WO 2016198421A1

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