

Title (en)
TRANSMISSION RAMAN SAMPLE ANALYSIS

Title (de)
TRANSMISSIONS-RAMAN-PROBENANALYSE

Title (fr)
ANALYSE D'ÉCHANTILLONS PAR SPECTROSCOPIE RAMAN EN TRANSMISSION

Publication
EP 2965064 A4 20161130 (EN)

Application
EP 14759534 A 20140305

Priority
• US 201361772694 P 20130305
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Abstract (en)
[origin: WO2014138238A1] Systems and methods for analyzing samples in containers are provided, where an emitter emits radiation at a first location on the container, with a portion of the radiation passing through the container and into the sample, some of the radiation is reflected within the container, a detector receives a transmission Raman signal including Raman radiation from multiple portions of the sample, and a comparator compares the transmission Raman signal with the radiation emitted by the emitter.

IPC 8 full level
G01N 21/65 (2006.01); **G01N 21/03** (2006.01)

CPC (source: EP)
G01N 21/031 (2013.01); **G01N 21/65** (2013.01); **G01N 2021/651** (2013.01)

Citation (search report)
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• [A] US 2012092663 A1 20120419 - KULL LINDA S [US], et al
• [XI] MATTHEW BLOOMFIELD ET AL: "Non-invasive identification of incoming raw pharmaceutical materials using Spatially Offset Raman Spectroscopy", JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol. 76, 16 December 2012 (2012-12-16), US, pages 65 - 69, XP055312453, ISSN: 0731-7085, DOI: 10.1016/j.jpba.2012.11.046
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• [A] ANDERS SPARÉN ET AL: "Transmission Raman Spectroscopy for Quantitative Analysis of Pharmaceutical Solids", AMERICAN PHARMACEUTICAL REVIEW, January 2009 (2009-01-01), pages 62 - 71, XP055312826, Retrieved from the Internet <URL:https://www.researchgate.net/profile/Anders_Sparen/publication/228496325_Transmission_Raman_Spectroscopy_for_Quantitative_Analysis_of_Pharmaceutical_Solids/links/00b49521af7f49aa68000000.pdf?origin=publication_detail> [retrieved on 20161021]
• See references of WO 2014138238A1

Designated contracting state (EPC)
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