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(54) Title: TRANSDERMAL DELIVERY SYSTEMS

(57) Abstract: Transdermal delivery systems for administering sufentanil through the skin are provided. The systems contain a sufficient amount of sufentanil to induce and maintain a constant state of analgesia when applied to a subject. The systems are characterized as having one or more features including a high degree of dosage form rate control over flux of sufentanil from the system, a high net flux of sufentanil from the system through the skin, lack of a permeation enhancer, an adhesive member demonstrating superior shear time, a low coefficient of variation in the net flux of sufentanil from the system, a high delivery efficiency, and a substantially constant steady state net flux of sufentanil from the system. Methods of using the transdermal delivery systems to administer a sufficient amount of sufentanil to induce and maintain analgesia for extended periods when applied to a subject are also provided.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	US 2005/208117 A1 (VENKATRAMAN SUBRAMANIAN S ET AL) 22 September 2005 (2005-09-22) paragraphs [0003], [0053], [0054], [0067], [0068], [0117] - [0120]; claims 1,9,32-37; examples 6,7,9	1, 26, 38, 49, 61, 74, 92, 101
X	US 2003/026829 A1 (VENKATRAMAN SUBRAMANIAN S ET AL) 6 February 2003 (2003-02-06) cited in the application paragraphs [0003], [0053], [0054], [0102] - [0104]; claims 1,9,55,60-91 ----- -/--	1, 26, 38, 49, 61, 74, 92, 101

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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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