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(54) Title: A PROCESS FOR THE PREPARATION OF 1,4-DIALKYL-2,3-DIOL-1,4-BUTANEDIONE

(57) Abstract: The present invention relates to a process for the preparation of compounds of a 1,4-dialkyl-2,3-diol-l,4-butanedione by a acidic aldol condensation between an alkyl glyoxal and an α-hydroxy ketone.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C07C45/72 C07C49/17

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)
C07C

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, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/048795 A (FIRMENICH & CIE [CH]; NAEF FERDINAND [CH]; DECORZANT RENE [CH]) 11 May 2006 (2006-05-11)	1-8
X	page 1, lines 16-18; claims	9
A	US 5 009 753 A (HERMELING DIETER [DE] ET AL) 23 April 1991 (1991-04-23)	1-8
X	column 2, lines 26-33; claims	9
X	CH 474 501 A (FIRMENICH & CIE [CH]) 30 June 1969 (1969-06-30) the whole document	9
A	F. MICHEEL: "Übergang von der Hexosereihe in die Cyclitreihe" LIEBIGS ANNALEN, vol. 496, 1932, pages 77-98, XP002454510 page 85, compound XI; page 94, "2,5-Diketo-3,4-dioxy-hexan"	1-8

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☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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