

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2012/065643

A. CLASSIFICATION OF SUBJECT MATTER

C08L77/06(2006.01)i, B32B27/34(2006.01)i, B65D65/40(2006.01)i, B65D81/26(2006.01)i, C08J5/18(2006.01)i

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)

C08L77/06, B32B27/34, B65D65/40, B65D81/26, C08J5/18

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

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2012
Kokai Jitsuyo Shinan Koho	1971-2012	Toroku Jitsuyo Shinan Koho	1994-2012

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	I.Arvanitoyannis et al., Polymer, 1995, Vol.36, No.15, 2957-2967	1,2,4,8-12 3,5-7
X Y	I.Arvanitoyannis et al., Studies in Polymer Science 12(Biodegradable Plastics and Polymers), 1994, 562-569	1,2,4,8-12 3,5-7
Y	JP 8-319417 A (Mitsubishi Chemical Corp.), 03 December 1996 (03.12.1996), claims; paragraph [0001] (Family: none)	3,5-7
Y	JP 62-106926 A (Teijin Ltd.), 18 May 1987 (18.05.1987), page 1, lower left column & EP 247203 A1 & WO 1987/002680 A2	3,5-7

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"&" document member of the same patent family

Date of the actual completion of the international search
04 September, 2012 (04.09.12)

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18 September, 2012 (18.09.12)

Name and mailing address of the ISA/
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International application No.

PCT/JP2012/065643

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2010/147097 A1 (Mitsubishi Gas Chemical Co., Inc.), 23 December 2010 (23.12.2010), claims; paragraphs [0013] to [0017], [0082] & JP 2011-236285 A & JP 2011-80034 A & JP 2011-25237 A & JP 2011-98567 A & JP 2011-122140 A & JP 2011-127094 A & JP 2011-126270 A & JP 2011-131934 A & JP 2011-131578 A & JP 2011-132502 A & JP 2011-131583 A & JP 2011-136765 A & EP 2444458 A1	3, 5-7
P,A	WO 2011/081099 A1 (Mitsubishi Gas Chemical Co., Inc.), 07 July 2011 (07.07.2011), claims (Family: none)	1-12
P,A	WO 2011/132456 A1 (Mitsubishi Gas Chemical Co., Inc.), 27 October 2011 (27.10.2011), claims (Family: none)	1-12
E,A	WO 2012/090797 A1 (Mitsubishi Gas Chemical Co., Inc.), 05 July 2012 (05.07.2012), claims (Family: none)	1-12
P,A	WO 2012/002000 A1 (Mitsubishi Gas Chemical Co., Inc.), 05 January 2012 (05.01.2012), claims (Family: none)	1-12