



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 74 42 72

Classification of the application (IPC):
C02F 3/34, C12N 1/02, C12R 1/00

Technical fields searched (IPC):
C02F, C12N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	WANG YANGYANG ET AL: "Biodegradation of di-n-butyl phthalate by bacterial consortium LV-1 enriched from river sludge" <i>PLOS ONE</i> , 25 May 2017 (2017-05-25), vol. 12, no. 5, page e0178213 URL: https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0178213&type=printable , XP093048095 * Section 2.2, 3.7; Fig.1, 7 *	1-17
Y	DA-WEI LIANG ET AL: "Phthalates biodegradation in the environment" <i>APPLIED MICROBIOLOGY AND BIOTECHNOLOGY</i> , SPRINGER, BERLIN, DE, 01 July 2008 (2008-07-01), vol. 80, no. 2, ISSN: 1432-0614, pages 183-198, XP019623701 * Whole doc., in particular Table 1, Fig.2, p.190-192 *	1-17
A	JAVED HUSSAIN NIAZI ET AL: "Initial degradation of dimethylphthalate by esterases from Bacillus species" <i>FEMS MICROBIOLOGY LETTERS</i> , NO LONGER PUBLISHED BY ELSEVIER, 01 January 2001 (2001-01-01), no. 196, ISSN: 0378-1097, pages 201-205, XP002421837 * p.204, col.1 *	1-17
Y	KHOUNI IMEN ET AL: "Treatment of reconstituted textile wastewater containing a reactive dye in an aerobic sequencing batch reactor using a novel bacterial consortium" <i>SEPARATION AND PURIFICATION TECHNOLOGY</i> , 30 November 2011 (2011-11-30), vol. 87, DOI: 10.1016/J.SEPPUR.2011.11.030, ISSN: 1383-5866, pages 110-119, XP028890691 * Whole doc., in partic. section 2.1 *	1-17
Y	US 2016243175 A1 (BUSHMAN FREDERIC [US] ET AL) 25 August 2016 (2016-08-25) * [0091], Table 4 *	3-5

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 19 May 2023	Examiner Roscoe, Richard
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 19-05-2023
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2016243175	A1	25-08-2016	US	2016243175 A1	25-08-2016
			US	2019105359 A1	11-04-2019
			US	2021093681 A1	01-04-2021