Title (en)
NITRILASE FROM RHODOCOCCUS RHODOCHROUS NCIMB 11216

Title (de)
NITRILASE AUS RHODOCOCCUS RHODOCHROUS NCIMB 11216

Title (fr)
NITRILASE A PARTIR DE RHODOCOCCUS RHODOCHROUS NCIMB 11216

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Abstract (en)
[origin: US2003157672A1] The invention relates to nucleic acid sequences which code for a polypeptide having nitrilase activity, to nucleic acid constructs comprising the nucleic acid sequences, and to vectors comprising the nucleic acid sequences or the nucleic acid constructs. The invention further relates to amino acid sequences which are encoded by the nucleic acid sequences, and to microorganisms comprising the nucleic acid sequences, the nucleic acid constructs or vectors comprising the nucleic acid sequences or the nucleic acid constructs. The invention additionally relates to an enzymatic process for preparing carboxylic acids from the corresponding nitrites.

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IPC 8 full level
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US 2003157672 A1 20030821; AU 2001233802 B2 20060112; AU 3380201 A 20010912; BR 0108883 A 20030429; CA 2400446 A1 20010907; CN 1411506 A 20030416; DE 10010149 A1 20010906; EP 1268757 A1 20030102; HU P0300155 A2 20030528; IL 151096 A0 20030410; JP 2003530832 A 20031021; KR 20020077520 A 20021011; MX PA02008123 A 20021129; NO 20024169 D0 20020902; NO 20024169 L 20021101; PL 359496 A1 20040823; RU 2002126270 A 20040310; RU 2283864 C2 20060920; WO 0164857 A1 20010907; ZA 200207902 B 20040329

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