

NEW MICROORGANISM BELONGING TO YARROWIA GENUS, AND OIL
DECOMPOSING AGENT AND OIL DECOMPOSITION / REMOVAL METHOD USING
SAME

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ABSTRACT

10 The present invention addresses the problem of providing a new microorganism that is
useful for efficiently decomposing oils and fats, and a use for said microorganism. According to
screening results, a new *Yarrowia lipolytica* having a high capacity to assimilate free fatty acids was
successfully obtained. Efficient decomposition of oils and fats is achieved by causing the *Yarrowia*
lipolytica to act under conditions in which fatty acids that are hydrolysis products of oils or fats are
present, or under conditions in which oils or fats are decomposed into fatty acids and glycerol.

15 [No Figure]