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(54) Title: ELECTROCHEMICAL METHOD FOR REDUCING MOLECULAR OXYGEN

(54) Bezeichnung : ELEKTROCHEMISCHES VERFAHREN ZUR REDUKTION MOLEKULAREN SAUERSTOFFS

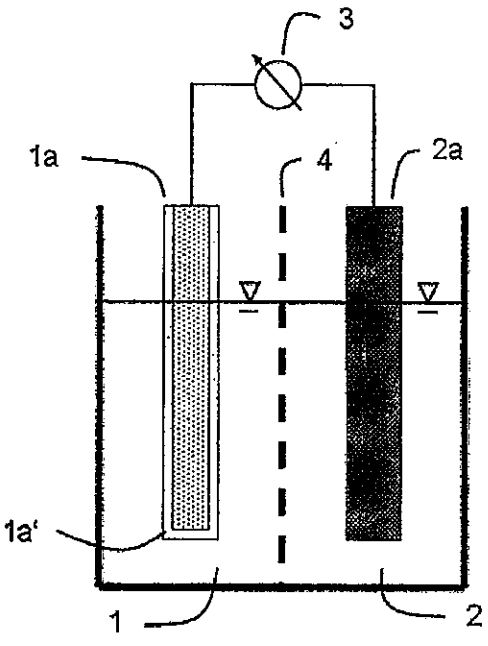


Fig. 6

(57) Abstract: The present invention relates to an electrochemical method for reducing molecular oxygen in alkali solutions in the presence of nitrogen-doped carbon nanotubes, wherein no hydrogen peroxide is produced as a by-product of the reduction.

(57) Zusammenfassung: Die vorliegende Erfindung betrifft ein elektrochemisches Verfahren zur Reduktion molekularen Sauerstoffs in alkalischen Lösungen in Gegenwart von stickstoff-dotierten Kohlenstoffhanoröhrchen, bei dem kein Wasserstoffperoxid als Nebenprodukt der Reduktion entsteht.

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