

Title (en)

FUEL GAS MIXTURE, IN PARTICULAR FOR CUTTING TORCH

Title (de)

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Title (fr)

MELANGE GAZEUX COMBUSTIBLE, NOTAMMENT POUR CHALUMEAU D'OXYCOUPAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: FR2774693A1] The invention concerns a fuel mixture containing acetylene, propane and propylene, such that the ratio  $Q_p/Q_a$  of the proportion ( $Q_p$ ) of propane and propylene to the proportion ( $Q_a$ ) of acetylene is such that:  $1.1 \leq Q_p/Q_a \leq 4$ . Preferably, the propane/propylene proportion in the gas mixture ranges between 50:50 and 99:1. Advantageously, the gas mixture contains 15 % to 50 % by volume of acetylene, the remainder being propane and propylene. The invention is applicable to a fuel mixture for oxyacetylene cutting of metals, the fuel mixture being produced on the site of operation, in particular in a gas mixer.

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