

**METHOD FOR TREATING WASTE WATERS AND RESIDUE SLUDGE
BY MEANS OF DECARBONATION IN A CHEMICAL INSTALLATION
FOR NITRIDATION IN A MOLTEN SALT BATH**

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ABSTRACT

The present invention relates to a method for treating waste waters (E), and/or residue sludge (B) from an oxidation bath, to recover oxidation salts, in an installation (10) for nitridation in a molten salt bath, comprising a nitridation bath
10 (11), an oxidation bath (12), and a stop bath (13). The method comprises a decarbonation of waste waters (E) and/or residue sludge (B), and a separation of a liquid phase containing oxidation salts (23) and of a solid phase containing a carbonate precipitate, to recover oxidation salts.

15 (Fig. 2)