

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

5

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 transformation of hydroxide ions OH^- of waste waters (E) and/or residue sludge (B) into carbonate ions CO_3^{2-} , and a separation of water and carbonate salts, to recover carbonate salts.

15 (Fig. 2)