

ABSTRACT**“PROCESS OF PURIFICATION OF LEUCOINDIGO SALT SOLUTIONS AND
USE OF AN INERT GAS”**

The present invention relates to a process for the purification of leucoindigo salt solutions, for the removal of aromatic amines, particularly aniline and N-methyl aniline, which comprises the steps of: adding to a purification vessel a leucoindigo salt solution having aromatic amines, wherein said solution is in the form of a stationary mass; bubbling an inert gas into the purification vessel with a controlled flow rate, by means of a device submerged on the surface of the stationary mass; injecting with a controlled flow rate a purification gas stream into the vessel, by means of a device submerged in the stationary mass; and recovering the purified leucoindigo salt solution from the vessel. In addition, the present invention refers to the use of an inert gas in a process of purification of leucoindigo salt solutions, acting as a gaseous defoamer, capable of reducing the occurrence of foam and the consequent possibility of entraining the product of interest during the process of purification.

[No suitable figure]