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ning of each regular issue of the PCT Gazette.*

(54) Title: PROCESS FOR PRODUCTION OF CHLORINATED SUCROSE BASED ON HYDROPHOBIC AFFINITY CHRO-
MATOGRAPHY.

(57) Abstract: This invention relates to a process for selective capture, isolation and purification of chlorinated sucrose compounds, including chlorinated sucrose, their precursors and derivatives, including trichlorogalactosucrose (TGS), directly from chlorinated reaction mixture by column chromatography on adsorbents and under conditions which result in specific and selective affinity towards one or more of chlorinated sucrose compound. The process also integrates de-esterification of chlorinated sucrose esters adsorbed on the adsorbent while they are being treated with desorbent. The process also provides a novel approach to concentration and crystallization of TGS. The chlorinated sucrose derivatives, including TGS, thus isolated are substantially free from most impurities, salts and organic solvents. The process has high recovery of more than 95% in terms of desired chlorinated sucrose derivatives including TGS.

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