

Title (en)

PROCESS FOR PRODUCING PHOSGENE BY REACTION OF POLYCHLORINE ANIONS AND CARBON MONOXIDE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PHOSGEN DURCH UMSETZUNG VON POLYCHLOR-ANIONEN UND KOHLENSTOFFMONOXID

Title (fr)

PROCÉDÉ DE PRODUCTION DE PHOSGÈNE PAR RÉACTION D'ANIONS POLYCHLORE ET DE MONOXYDE DE CARBONE

Publication

EP 4259577 A1 20231018 (DE)

Application

EP 21835750 A 20211213

Priority

- EP 20213933 A 20201214
- EP 2021085548 W 20211213

Abstract (en)

[origin: WO2022128951A1] A process comprising at least the steps a) providing a reaction space containing a component including at least one polychlorine anion-containing compound, preferably at least one polychlorine anion-containing compound in the form of an ionic liquid, b) contacting carbon monoxide with said component in the reaction space and there reacting the carbon monoxide to form phosgene-containing product, c) optionally collecting the phosgene from the phosgene-containing product of step b), d) optionally reacting the phosgene from the phosgene-containing product of step b) or the collected phosgene from step c) with a phosgene-reactive component, makes it possible to prepare, in step b), a phosgene-containing product which contains less than 5.0% by weight of Cl₂ based on its total weight.

IPC 8 full level

C01B 32/80 (2017.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022128951A1

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