

Title (en)
Process for the preparation of chlorosulfonic acids.

Title (de)
Verfahren zur Herstellung von Chlorsulfonsäure.

Title (fr)
Procédé de préparation d'acide chlorosulfonique.

Publication
EP 0000173 A1 19790110 (DE)

Application
EP 78100200 A 19780620

Priority
DE 2730011 A 19770702

Abstract (en)
1. Process for the manufacture of chlorosulfonic acid from hydrogen chloride and sulfur trioxide dissolved in chlorosulfonic acid, characterized by mixing the sulfur trioxide dissolved in chlorosulfonic acid and hydrogen chloride gas in a Venturi nozzle, allowing them to react and keeping the temperature at the end of the Venturi tube in the range of from 70 to 100 degrees C.

Abstract (de)
In einem Venturi-Rohr werden Chlorwasserstoff - Gas und Chlorsulfonsäure, die SO₃ gelöst enthält, innig vermischt. Dabei findet in sehr kurzer Zeit eine Reaktion unter Bildung von weiterer Chlorsulfonsäure statt. Am Ende des Venturi-Rohres soll die Temperatur der Chlorsulfonsäure 70 - 100 °C betragen.

IPC 1-7
C01B 17/46

IPC 8 full level
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B01J 10/002 (2013.01); **B01J 19/2465** (2013.01); **B01J 19/26** (2013.01); **C01B 17/466** (2013.01); **B01J 2219/00103** (2013.01); **B01J 2219/0011** (2013.01)

Citation (search report)

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EP 0000173 A1 19790110; **EP 0000173 B1 19810114**; AR 218069 A1 19800515; BR 7804183 A 19790417; DE 2730011 A1 19790118; DE 2860323 D1 19810312; DK 299078 A 19790103; ES 471123 A1 19790116; IT 1096951 B 19850826; IT 7825219 A0 19780630

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EP 78100200 A 19780620; AR 27278578 A 19780630; BR 7804183 A 19780630; DE 2730011 A 19770702; DE 2860323 T 19780620; DK 299078 A 19780630; ES 471123 A 19780626; IT 2521978 A 19780630