

Title (en)
Aqueous solutions of phosphonic acids

Title (de)
Wässrige Lösungen von Phosphonsäuren

Title (fr)
Solutions aqueuses d'acides phosphoniques

Publication
EP 0997523 A1 20000503 (DE)

Application
EP 99121341 A 19991026

Priority
DE 19849379 A 19981027

Abstract (en)
Aqueous solutions containing salts of amino-(methylene phosphonic acids) with at least 6 phosphonic acid groups, or mixtures of the corresponding free acids. Aqueous solutions containing salts of phosphonic acids of formula (I): $n = 3, 4$ and/or 5 with an active substance content (based on free phosphonic acid) of at least $25 \text{ wt. } \%$, obtained by partial neutralization of at least one phosphonic acid group per molecule. An Independent claim is also included for aqueous solutions containing mixtures of free phosphonic acids of formula (I) or a similar formula (II) with the index n replaced by n' . n and $n' = 1, 2, 3, 4$ and/or 5 with an active substance content as above, comprising at least two acids of formula (II) with n not equal to n' and with an active substance content of at least $25 \text{ wt. } \%$ based on complex former content.

Abstract (de)
Gegenstand der Erfindung sind wässrige Lösungen von Phosphonsäuren und/oder deren Salzen sowie insbesondere deren Verwendung als Komplexbildner zur Behandlung von cellulosehaltigen Fasermaterialien, die in Entmineralisierungsprozessen und zur Stabilisierung von peroxidhaltigen Bleichlösungen eingesetzt werden können.

IPC 1-7
C11D 3/36; D06L 3/02; C11D 3/39

IPC 8 full level
C11D 3/36 (2006.01); **C11D 3/39** (2006.01); **D06L 3/02** (2006.01); **D06L 4/10** (2017.01)

CPC (source: EP)
C11D 3/364 (2013.01); **D06L 4/10** (2017.01)

Citation (search report)

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AT DE ES FI SE

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