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As printed (54) Title: METHOD FOR PRODUCING AQUEOUS HYDROXYLAMINE SOLUTIONS WHICH ARE SUBSTANTIALLY FREE OF METAL IONS (54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG WÄSSRIGER, IM WESENTLICHEN METALLIONENFREIER HYDROXYLAMINLÖSUNGEN (57) Abstract The invention relates to a method for producing an aqueous hydroxylamine solution which is substantially free of metal ions. According to said method the hydroxylamine solution is subjected to at least one treatment with an acid cation exchanger. (57) Zusammenfassung Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung einer wässrigen Hydroxylaminlösung, die im wesentlichen metallionenfrei ist, wobei man die Hydroxylaminlösung mindestens einer Behandlung mit einem sauren Kationenaustauscher unterwirft.		