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(71) Applicant *(for all designated States except US)*: **PHARMACIA CORPORATION** [US/US]; Global Patent Department, 575 Maryville Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63141 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SHEIKH, Ahmad, Y.** [PK/US]; 9039 W. Church Street, 1-H, Des Plaines, IL 60016 (US). **BORCHARDT, Thomas, R.** [US/US]; 2433 55th Avenue, Kenosha, WI 53144 (US). **FERRO, Leonard, J.** [US/US]; 3055 Priscilla Avenue, Highland Park, IL 60035 (US). **DANZER, Gerald, D.** [US/US]; 1021 Lathrop Avenue, Racine, WI 53405 (US).

(74) Agents: **FORBES, James, C.** et al.; Pharmacia Corporation, P.O. Box 5110, Chicago, IL 60680 (US).

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ACTION

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(54) Title: CRYSTALLINE PARECOXIB SODIUM

(57) Abstract: Parecoxib sodium is provided in a crystalline form that is substantially anhydrous and substantially nonsolvated. Various such anhydrous, nonsolvated crystal forms have been identified, including Forms A, B and E as described herein. Also provided is a parecoxib sodium drug substance wherein at least about 90% of the parecoxib sodium is in one or more anhydrous, nonsolvated crystal forms. Such a drug substance is a storage-stable intermediate that can be further processed, for example by dissolution or slurrying in an aqueous medium together with one or more parenterally acceptable excipients, followed by lyophilization of the resulting solution or slurry to provide a reconstitutable injectable composition suitable for therapeutic use.