

Title (en)

Cold forming lubricants and process.

Title (de)

Schmiermittel für die Kaltverformung und Verfahren zu deren Verwendung.

Title (fr)

Lubrifiants pour usinage à froid et procédé d'application.

Publication

**EP 0073306 A1 19830309 (EN)**

Application

**EP 82105093 A 19820611**

Priority

- US 29425981 A 19810819
- US 33721982 A 19820106

Abstract (en)

A cold forming lubricant and a process for cold forming ferrous and non-ferrous metals such as steel and aluminum utilizes certain sulfur, chlorine and phosphorous compounds, or mixtures thereof, for example sufurized or chlorinated oleic acids and phosphate esters of polyoxyethylene based non-ionic surfactants, in combination with a dry film lubricant.

IPC 1-7

**C10M 7/10**

IPC 8 full level

**C10M 111/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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