

Title (en)

Lubricant for the slide of trombones or similar musical instruments.

Title (de)

Schmiermittel für die Züge von Posaunen oder dgl. Musikinstrumenten.

Title (fr)

Lubrifiant pour des coulisses de trombone ou des instruments de musique similaires.

Publication

**EP 0453783 A1 19911030 (DE)**

Application

**EP 91104640 A 19910325**

Priority

DE 4012915 A 19900423

Abstract (en)

A lubricant for the slides of trombones or similar musical instruments is described. The lubricant comprises two components to be applied successively in the indicated order to the appropriate slide, namely silicone oil and aqueous soap solution. In this way, a firm lubricating film can be formed which has a particularly long life and does not tend to channelling.

Abstract (de)

Es wird ein Schmiermittel für die Züge von Posaunen oder dgl. Musikinstrumenten beschrieben. Das Schmiermittel umfaßt zwei in der angegebenen Reihenfolge nacheinander auf den entsprechenden Zug aufzubringende Komponenten, nämlich Siliconöl und wässrige Seifenlösung. Hiermit läßt sich ein fester Schmierfilm ausbilden, der eine besonders lange Lebensdauer aufweist und nicht zur Nesterbildung neigt.

IPC 1-7

**C10M 107/50**; **C10M 173/02**; **C10N 40/06**; **G10D 7/10**; **G10D 9/00**

IPC 8 full level

**C10M 155/02** (2006.01); **C10M 173/02** (2006.01); **G10D 9/00** (2020.01)

CPC (source: EP US)

**C10M 105/24** (2013.01 - EP US); **C10M 107/50** (2013.01 - EP US); **C10M 155/02** (2013.01 - EP US); **C10M 173/02** (2013.01 - EP US); **G10D 7/10** (2013.01 - EP); **G10D 9/00** (2013.01 - EP US); **C10M 2201/02** (2013.01 - EP US); **C10M 2207/1203** (2013.01 - EP US); **C10M 2207/121** (2013.01 - EP US); **C10M 2207/1213** (2013.01 - EP US); **C10M 2207/122** (2013.01 - EP US); **C10M 2207/1253** (2013.01 - EP US); **C10M 2207/163** (2013.01 - EP US); **C10M 2207/183** (2013.01 - EP US); **C10M 2207/203** (2013.01 - EP US); **C10M 2207/243** (2013.01 - EP US); **C10M 2229/025** (2013.01 - EP US); **C10M 2229/0405** (2013.01 - EP US); **C10M 2229/041** (2013.01 - EP US); **C10M 2229/0415** (2013.01 - EP US); **C10M 2229/0425** (2013.01 - EP US); **C10M 2229/0435** (2013.01 - EP US); **C10M 2229/0445** (2013.01 - EP US); **C10M 2229/0455** (2013.01 - EP US); **C10M 2229/0465** (2013.01 - EP US); **C10M 2229/0475** (2013.01 - EP US); **C10M 2229/0485** (2013.01 - EP US); **C10M 2229/0505** (2013.01 - EP US); **C10M 2229/0515** (2013.01 - EP US); **C10M 2229/0525** (2013.01 - EP US); **C10M 2229/0535** (2013.01 - EP US); **C10M 2229/0545** (2013.01 - EP US); **C10N 2020/01** (2020.05 - EP US); **C10N 2040/06** (2013.01 - EP US); **C10N 2050/01** (2020.05 - EP US)

Citation (search report)

- [A] GB 2087914 A 19820603 - GOODYEAR TIRE & RUBBER
- [A] WO 8101964 A1 19810723 - CHEMSICO INC [US], et al
- [A] US 2027340 A 19360107 - FRANK HOLTON

Cited by

CN101634414A

Designated contracting state (EPC)

AT BE CH DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**US 5149450 A 19920922**; AT E118239 T1 19950215; DE 4012915 C1 19910613; DK 0453783 T3 19950626; EP 0453783 A1 19911030; EP 0453783 B1 19950208; ES 2067785 T3 19950401; GR 3015864 T3 19950731; NO 300506 B1 19970609; NO 911567 D0 19910419; NO 911567 L 19911024

DOCDB simple family (application)

**US 68521691 A 19910412**; AT 91104640 T 19910325; DE 4012915 A 19900423; DK 91104640 T 19910325; EP 91104640 A 19910325; ES 91104640 T 19910325; GR 950400993 T 19950419; NO 911567 A 19910419