

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 B1 19950208 (DE)

Application

EP 91104640 A 19910325

Priority

DE 4012915 A 19900423

Abstract (en)

[origin: US5149450A] A slide of a trombone or the like is lubricated by first applying to it a layer of silicone fluid, then applying soap to the slide and thereafter spraying water on it. The silicone fluid and the soap solution are at a ratio of 1:10 to 1:20 to each other and the silicone fluid is a linear polymeric dimethylsiloxane.

IPC 1-7

C10M 107/50; **C10M 173/02**

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)

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