

Title (en)
METHOD OF LUBRICATING AND LUBRICANT SPRAYING APPARATUS

Title (de)
VERFAHREN ZUR SCHMIERUNG UND SCHMIERSPRÜHVORRICHTUNG

Title (fr)
PROCEDE DE LUBRIFICATION ET APPAREIL DE PULVERISATION LUBRIFIANTE

Publication
EP 1144793 A3 20030604 (EN)

Application
EP 00959245 A 20000816

Priority
• US 0022453 W 20000816
• US 38273999 A 19990825
• US 45091699 A 19991129

Abstract (en)
[origin: WO0114684A2] A dispenser for ejecting a volume of fluid. The dispenser is connected in a system for supplying fluid under pressure to the dispenser for charging it with fluid to be dispensed. A system for delivery of the volume of fluid ejected by the dispenser includes a discharge valve which closes for the charging of the dispenser and opens for ejecting the volume. An energy accumulator for accumulating energy for actuating the dispenser to eject the volume of fluid is accumulative of the dispenser-actuable energy in response to the supplying of fluid under pressure to the dispenser for charging it. The dispenser can be used to carry out a method of lubricating an object. The method involves the steps of spraying lubricant on a rotating object, and synchronizing the duration of spray to the rotation of the object so that the spray continues only for an interval of spray time corresponding to rotation of the object through a predetermined range of rotation.

IPC 1-7
E21B 1/00

IPC 8 full level
E21B 17/00 (2006.01); **F16N 7/38** (2006.01); **F16N 13/16** (2006.01)

CPC (source: EP)
E21B 17/006 (2013.01); **F16N 7/38** (2013.01); **F16N 13/16** (2013.01)

Citation (search report)
See references of WO 0114684A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT

DOCDB simple family (publication)
WO 0114684 A2 20010301; **WO 0114684 A3 20030417**; AU 7059900 A 20010319; EP 1144793 A2 20011017; EP 1144793 A3 20030604; MX PA01004138 A 20030606

DOCDB simple family (application)
US 0022453 W 20000816; AU 7059900 A 20000816; EP 00959245 A 20000816; MX PA01004138 A 20000816