

Title (en)

Method and apparatus for automatically supplying a two-for-one twisting spindle moistening head with a wetting agent.

Title (de)

Betriebsverfahren und Vorrichtung zum automatisierten Betanken eines ein Netzmittel aufnehmenden Avivagekopfes einer Doppeldraht-Zwirnspindel.

Title (fr)

Procédé et dispositif pour le remplissage automatique d'une tête d'avivage avec un agent mouillant pour une broche à retordre à double torsion.

Publication

**EP 0410018 B1 19931229 (DE)**

Application

**EP 89113548 A 19890724**

Priority

EP 89113548 A 19890724

Abstract (en)

[origin: JPH0359128A] PURPOSE: To automatically refill a wetting agent into the tank of a lubricating head by holding it with a gripper, and connecting the head to a refilling station in a maintenance automat. CONSTITUTION: A lubricating head 50 is fixed on a sucking device 23, it is gripped with an upper gripper having horizontally rotatable arms 37.1, 37.2, and moved to the position above a refilling station 40 in a maintenance automat. Into the receptacle 46 of the storage tank 41 for a wetting agent of the refilling station 40, the tube 52 of the lubricating head 50 is inserted, and the inside of the storage tank 41 is pressurized to flow the wetting agent into a tank 51.

IPC 1-7

**D01H 13/00**; **D01H 13/30**

IPC 8 full level

**D01H 13/00** (2006.01); **D01H 13/30** (2006.01)

CPC (source: EP US)

**D01H 13/005** (2013.01 - EP US); **D01H 13/302** (2013.01 - EP US)

Cited by

CN102618979A; CN110067052A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0410018 A1 19910130**; **EP 0410018 B1 19931229**; CS 368790 A2 19911217; DD 300112 A5 19920521; DE 58906597 D1 19940210; IN 178127 B 19970308; JP H0359128 A 19910314; US 5136836 A 19920811

DOCDB simple family (application)

**EP 89113548 A 19890724**; CS 368790 A 19900724; DD 34297190 A 19900720; DE 58906597 T 19890724; IN 2MA1997D A 19970308; JP 19318990 A 19900723; US 54989190 A 19900709