

Title (en)  
SUSPENSION FORK SEAL

Title (de)  
FEDERGABELABDICHTUNG

Title (fr)  
SYSTÈME D'ÉTANCHÉITÉ POUR FOURCHE À SUSPENSION

Publication  
**EP 2252498 A1 20101124 (DE)**

Application  
**EP 09709924 A 20090216**

Priority  
• DE 2009000203 W 20090216  
• DE 102008009426 A 20080215

Abstract (en)  
[origin: WO2009100718A1] The invention relates to a suspension fork for a bicycle, particularly a mountain bike, having at least one wishbone (2, 4) having a frame-side stanchion (6) whereon a sliding tube (8) is displaceably guided in segments by means of a bearing arrangement (20, 22), wherein the sliding tube (8) is sealed by means of a seal (38) sealingly contacting the outer circumference of the stanchion, wherein a volume of lubricant (42) formed in a ring gap between the sliding tube (8) and the stanchion (6) and limited on the front side at one end by the seal (38) and at the other end by an inner seal (28), wherein the ring gap can be accessed by at least one filling connection (44, 46).

IPC 8 full level  
**B62K 25/08** (2006.01); **F16F 9/32** (2006.01)

CPC (source: EP US)  
**B62K 25/08** (2013.01 - EP US); **F16F 9/3278** (2013.01 - EP US); **F16F 9/366** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009100718A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008009426 A1 20090820**; EP 2252498 A1 20101124; US 2011042915 A1 20110224; US 8342554 B2 20130101;  
WO 2009100718 A1 20090820

DOCDB simple family (application)  
**DE 102008009426 A 20080215**; DE 2009000203 W 20090216; EP 09709924 A 20090216; US 86679809 A 20090216