

Title (en)

Outrigger device for working machines such as hydraulic excavators or the like

Title (de)

"Abstützvorrichtung für Baumaschinen wie Hydraulikbagger und dergleichen"

Title (fr)

Dispositif de stabilisation pour engins de travaux tels des pelles hydrauliques ou analogues

Publication

EP 1323871 A3 20030709 (DE)

Application

EP 02028802 A 20021223

Priority

DE 20120964 U 20011227

Abstract (en)

[origin: EP1323871A2] The support foot (1) comprises several telescopic support arms (2) and includes a positioning device (28) for these arms. <??>The support foot is pivotally mounted on a support piece (4) on the construction machinery, preferably a vehicle frame or chassis. A pivot drive (6) is used to swing the support foot.

IPC 1-7

E02F 9/08

IPC 8 full level

E02F 9/08 (2006.01)

CPC (source: EP)

E02F 9/085 (2013.01)

Citation (search report)

- [X] GB 1236176 A 19710623 - KAISER JOSEF [LI]
- [XA] FR 2600599 A1 19871231 - GUILHEM CLAIRE [FR]
- [A] EP 0795650 A1 19970917 - FKI FAI KOMATSU IND S P A [IT]
- [A] US 3981514 A 19760921 - VISSER PETER J
- [A] FR 2644151 A3 19900914 - NARDI DANIELE [IT]
- [A] US 3801068 A 19740402 - KOPAS P
- [A] PATENT ABSTRACTS OF JAPAN vol. 003, no. 073 (M - 063) 23 June 1979 (1979-06-23)

Cited by

ITMO20100032A1; CN115259037A; RU2469798C2; US2013328295A1; US8657335B2; WO2019158188A1; WO2011101720A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1323871 A2 20030702; EP 1323871 A3 20030709; EP 1323871 B1 20081001; DE 20120964 U1 20030612; DE 50212834 D1 20081113

DOCDB simple family (application)

EP 02028802 A 20021223; DE 20120964 U 20011227; DE 50212834 T 20021223