

Title (en)
Suspension means for a lifting hook

Title (de)
Aufhängung für Lasthaken

Title (fr)
Moyen de suspension pour un crochet de levage

Publication
EP 1454870 A3 20041006 (DE)

Application
EP 04004899 A 20040303

Priority
DE 10310087 A 20030306

Abstract (en)
[origin: EP1454870A2] The suspension has a rotating shaft (9) for the load hook (1) in a recess (2) of a carrying body (3). The shaft is fitted via a bearing fitting (6) with a support element (7) having at least one axial bearing (8) and a receiving ring (10) fitting round the shaft in the carrying body. The bearing fitting is secured in the carrier body by a spring ring (12).

IPC 1-7
B66C 1/34

IPC 8 full level
B66C 1/34 (2006.01)

CPC (source: EP US)
B66C 1/34 (2013.01 - EP US)

Citation (search report)
• [A] DE 882606 C 19530709 - HEUER HAMMER SCHWERSCHMIEDEN B
• [A] DE 725114 C 19420914 - BECK & HENKEL MASCHB AG
• [A] FR 920416 A 19470408
• [A] DD 274806 A1 19900103 - FREIBERGER ZELLSTOFF PAPIER [DD]
• [A] US 4308419 A 19811229 - FREDRIKSSON LARS O A

Cited by
EP2706032A1; US7607707B2; US8608215B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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