

Title (en)

Harness arrangement for carrying a hand-held work machine

Title (de)

Gurtanordnung zum Tragen eines handgeführten Arbeitsgerätes

Title (fr)

Agencement de harnais pour porter un instrument de travail actionné à la main

Publication

EP 0826324 A3 20010502 (DE)

Application

EP 97113804 A 19970809

Priority

DE 19634670 A 19960828

Abstract (en)

[origin: EP0826324A2] Shoulder-straps (31,32) with free front ends (33) are fixed to a back-plate (21) from the side of which leads a forward running side belt (40) whose front end (42) ends at the bottom of the user's (2) thorax. The side support plate (19) for the implement is joined by a support-band (17) to the back-plate and to the side belt. A pelvis-belt (50) open towards the support plate is under the side strap and is fixed to the base (21b) of the back plate near its back end (51). The belt's front end (52) lies under the side belt's end and is joined to the support plate's band. The free front ends of the shoulder-straps are spaced apart from each other and from the front end of the pelvis strap and from the front end of the side belt and are joined by side connecting straps (35) to the base of the back plate.

IPC 1-7

A45F 3/14

IPC 8 full level

A01D 34/68 (2006.01); **A45F 3/14** (2006.01)

CPC (source: EP US)

A45F 3/14 (2013.01 - EP US); **Y10S 224/907** (2013.01 - EP US)

Citation (search report)

- [DA] DE 4038096 A1 19910613 - ELECTROLUX AB [SE]
- [DA] US 4776504 A 19881011 - PANTH ERIK [SE]
- [A] US 2651441 A 19530908 - RAU ROBERT S, et al
- [A] US 2271136 A 19420127 - GEIGER RALPH I
- [A] US 4962873 A 19901016 - SCHATTEL JOHN L [US]

Cited by

EP2380427A1; WO2011131861A1; EP2594124A1; FR2959099A1; JP2015039328A; CN104412771A; DE10218003A1; DE10218003B4; GB2488807A; GB2488807B; WO0041589A2; WO02096238A1; WO02096239A1

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EP 97113804 A 19970809; CN 97117547 A 19970828; DE 19634670 A 19960828; DE 59708867 T 19970809; ES 97113804 T 19970809; JP 22040297 A 19970815; US 91938397 A 19970828