

Title (en)  
Tool box.

Title (de)  
Werkzeugkoffer.

Title (fr)  
Boîte à outils perfectionnée.

Publication  
**EP 0124446 A1 19841107 (FR)**

Application  
**EP 84400888 A 19840502**

Priority  
FR 8307333 A 19830503

Abstract (en)  
1. A portable tool box of the case type, comprising two semi-shells (2, 3) interconnected to pivot about a pin (4) located laterally on a side of the case which is adjacent to and perpendicular to a side intended to constitute the lower side of the case, each semi-shell (2, 3) comprising on its two opposed sides facing inner grooves or ribs (18) which are contained in planes perpendicular to the pivot pin of the case and which are in coincidence with those of the other semi-shell when the case is closed, and stowing means (20 to 23, 40) for a composition of tools to be transported comprising trays and/or plates, characterized in that the inner grooves or ribs (18) of the two semi-shells (2, 3) extend throughout the periphery of each thereof and are thus extended in a continuous manner throughout the perimeter of the case when the latter is closed and the stowing means comprise at least one tray (20, 21) having a width which is larger than that of each semi-shell and provided on the whole of its periphery with slidable retaining means (24) which cooperate with the grooves (18) of the two semi-shells (2, 3) when the case is closed but with that of a single semi-shell (2 or 3) when the case is open, so that the tray then projects between the two semi-shells but is maintained by the bottom (15) and the lateral sides (6, 7) of one of these semi-shells.

Abstract (fr)  
Cette boîte est du type mallette comportant deux demi-coquilles (2, 3) articulées entre elles et des moyens de roulement sur un côté inférieur. L'axe d'articulation (4) desdites demi-coquilles (2, 3) est situé latéralement sur un côté de la mallette qui est adjacent et perpendiculairement audit côté inférieur comportant les moyens de roulement (15), chaque demi-coquilles (2, 3) comportant des moyens de retenue (18) adaptés pour coopérer avec des moyens de retenue complémentaires (24, 34) prévus sur des éléments rigides (20, 21, 22, 32) de rangement d'outils. Lesdits moyens de retenue des demi-coquilles (2, 3) et desdits éléments rigides (20, 22) sont adaptés pour coopérer ensemble dans des plans perpendiculaires audit axe d'articulation (4).

IPC 1-7  
**B25H 3/02**; **A45C 5/14**

IPC 8 full level  
**A45C 5/14** (2006.01); **B25H 3/02** (2006.01)

CPC (source: EP)  
**A45C 5/14** (2013.01); **B25H 3/023** (2013.01)

Citation (search report)  
• [X] US 3310905 A 19670328 - DAVIS ROGER E, et al  
• [YD] DE 3104292 A1 19820819 - WEGERHOFF GMBH & CO KG E [DE]  
• [Y] US 4118086 A 19781003 - KNEIER JOSEPH WILLIAM  
• [YD] US 3878939 A 19750422 - WILCOX CHARLES L  
• [Y] US 4344646 A 19820817 - MICHEL JOHN M

Cited by  
DE20318541U1; GB2161456A; GB2384829A; US5738214A; EP0319969A1; CN104476516A; US11884456B2

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