

Title (en)  
DEVICE FOR HANGING TOOLS WITH SHAFTS

Publication  
**EP 0278084 A3 19890719 (DE)**

Application  
**EP 87118262 A 19871209**

Priority  
DE 8701865 U 19870207

Abstract (en)  
[origin: US4880192A] A device for suspending handled tools such as brooms, spades and rakes comprising hook means and mounting means for said hood means, said mounting means defining a pivot axis for said hook means, said pivot axis extending substantially horizontally, said hook means having a front elevation which is substantially S-shaped and comprising a mounting shaft portion located in said mounting means so as to be pivotable about said horizontal axis, a linear portion extending substantially at right angles to said mounting shaft portion in a generally downward direction, a further portion extending in a substantially horizontal plane from said linear portion, said further portion being substantially C-shaped or S-shaped in plan view, and a hook portion extending from said further portion.

IPC 1-7  
**B25H 3/04; A47L 13/512**

IPC 8 full level  
**A47G 29/00** (2006.01); **A47L 13/512** (2006.01); **B25H 3/04** (2006.01)

CPC (source: EP US)  
**A47L 13/512** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 4880192 A 19891114**; AT E80827 T1 19921015; CA 1294598 C 19920121; DE 3781884 D1 19921029; DE 8701865 U1 19870723; EP 0278084 A2 19880817; EP 0278084 A3 19890719; EP 0278084 B1 19920923; ES 2035022 T3 19930416; JP S63288110 A 19881125

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**US 15227088 A 19880204**; AT 87118262 T 19871209; CA 558395 A 19880205; DE 3781884 T 19871209; DE 8701865 U 19870207; EP 87118262 A 19871209; ES 87118262 T 19871209; JP 2587288 A 19880208