

Title (en)
MODULE AND BAR FOR TUFTING TOOLS

Title (de)
MODUL UND BARRE FÜR TUFTINGWERKZEUGE

Title (fr)
MODULE ET BARRE POUR OUTILS DE TUFTING

Publication
EP 0958422 A1 19991124 (DE)

Application
EP 96946107 A 19961211

Priority
• DE 9602468 W 19961211
• DE 29520281 U 19951221

Abstract (en)
[origin: WO9723679A1] Owing too the tolerances on modules secured to a bar and their drillings, the stop bar of the modules does not always bear accurately on the bar and thus, at high forces, the module can move vertically to a slight degree. The aim is to design the modules or the bar using simple means so that a module is firmly secured in all directions. According to the invention, the module is positively secured to the bar vertically by a first groove and spring system and horizontally by a second groove and spring system and frictionally held towards the bar by the securing screw. The system is suitable for all kinds of tufting tools.

IPC 1-7
D05C 15/20

IPC 8 full level
D05C 15/20 (2006.01)

CPC (source: EP US)
D05C 15/20 (2013.01 - EP US)

Citation (search report)
See references of WO 9723679A1

Designated contracting state (EPC)
BE DE GB

DOCDB simple family (publication)
DE 29520281 U1 19960314; DE 59607900 D1 20011115; EP 0958422 A1 19991124; EP 0958422 B1 20011010; JP 2000502154 A 20000222; US 6116173 A 20000912; WO 9723679 A1 19970703

DOCDB simple family (application)
DE 29520281 U 19951221; DE 59607900 T 19961211; DE 9602468 W 19961211; EP 96946107 A 19961211; JP 52321797 A 19961211; US 9180199 A 19990507