

Title (en)
TUBE SHAFT FOR A VACUUM CLEANER

Title (de)
ROHRSCHAFT FÜR EINEN STAUBSAUGER

Title (fr)
MANCHE TUBULAIRE POUR UN ASPIRATEUR

Publication
EP 1389938 B1 20070124 (EN)

Application
EP 02733706 A 20020517

Priority
• SE 0200949 W 20020517
• SE 0101924 A 20010531

Abstract (en)
[origin: WO02096258A1] A tube shaft for a vacuum cleaner comprising upper and lower tube-shaped parts (11, 14) which by way of a link means (16) are pivotally connected to one another. The link means (16) is provided with a locking mechanism for locking the two tube-shaped parts in one or several angular positions with respect to one another. The tube shaft comprises an operating means (21) arranged at a distance from and above said link means (16). The operating means (21) is connectable to the locking mechanism for activating or deactivating the locking means.

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP US)
A47L 9/242 (2013.01 - EP US)

Cited by
EP4356805A1; FR3141052A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02096258 A1 20021205; AT E352246 T1 20070215; DE 60217852 D1 20070315; DE 60217852 T2 20071115; EP 1389938 A1 20040225; EP 1389938 B1 20070124; SE 0101924 D0 20010531; SE 0101924 L 20021201; SE 519073 C2 20030107; US 2004211029 A1 20041028

DOCDB simple family (application)
SE 0200949 W 20020517; AT 02733706 T 20020517; DE 60217852 T 20020517; EP 02733706 A 20020517; SE 0101924 A 20010531; US 47726204 A 20040616