

Title (en)  
Crank rod

Title (de)  
Kurbelstange

Title (fr)  
Manivelle

Publication  
**EP 0898043 B1 20031210 (FR)**

Application  
**EP 98402027 A 19980810**

Priority  
FR 9710371 A 19970814

Abstract (en)  
[origin: EP0898043A1] The crank handle for an awning or shutters on a building is made in two parts. The upper part (16) may slide longitudinally on a shaft (10) connected to the awning or shutter mechanism. It can cover an extension (12) hinged (18) to the end of the shaft. When the crank is to be used, the upper part of the handle is slid up the shaft to free the first hinge. It also frees a second hinge (20) connecting the end of the shaft extension to the lower part of the handle. The two hinges may then be bent through an angle of approximately 90 degrees, to make a crank which may be turned with one hand on the upper part of the handle and one hand on the lower part of the handle.

IPC 1-7  
**E06B 9/76**

IPC 8 full level  
**E06B 9/76** (2006.01)

CPC (source: EP)  
**E06B 9/76** (2013.01)

Cited by  
EP1630345A1; US8091606B2

Designated contracting state (EPC)  
BE CH DE ES FR GR IT LI LU NL PT

DOCDB simple family (publication)  
**EP 0898043 A1 19990224; EP 0898043 B1 20031210**; DE 69820356 D1 20040122; FR 2767353 A1 19990219; FR 2767353 B1 19991022

DOCDB simple family (application)  
**EP 98402027 A 19980810**; DE 69820356 T 19980810; FR 9710371 A 19970814