

Title (en)
TELESCOPIC DEVICE

Publication
EP 0258656 B1 19900711 (DE)

Application
EP 87111192 A 19870803

Priority
DE 3627138 A 19860809

Abstract (en)
[origin: US4848524A] In a telescopic apparatus, an inner telescopic part is axially displaceable in wobble-free manner in an outer telescopic part. For the guidance of the inner telescopic part a carrier sleeve is inserted into the outer telescopic part. The carrier sleeve accommodates at least one guide ring body in universal joint manner. This guide ring body possesses a guide surface section which rests on the outer telescopic part.

IPC 1-7
A47C 3/30

IPC 8 full level
A47C 3/30 (2006.01); **F15B 15/16** (2006.01)

CPC (source: EP US)
A47C 3/30 (2013.01 - EP US)

Cited by
EP3001932A1; CN103122890A; DE4200786A1; US5333968A; EP0325726A1; DE8800976U1; WO2016050286A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0258656 A1 19880309; EP 0258656 B1 19900711; AU 595351 B2 19900329; AU 7607787 A 19880211; DE 3627138 A1 19880211; DE 3763634 D1 19900816; ES 2016310 B3 19901101; JP S6367410 A 19880326; US 4848524 A 19890718

DOCDB simple family (application)
EP 87111192 A 19870803; AU 7607787 A 19870724; DE 3627138 A 19860809; DE 3763634 T 19870803; ES 87111192 T 19870803; JP 19653987 A 19870807; US 8123687 A 19870804