

Title (en)

A ROLLER BLIND HAVING A STOP DEVICE WITH A CYLINDRICAL CAM

Publication

**EP 0356403 B1 19921202 (EN)**

Application

**EP 89830346 A 19890725**

Priority

IT 6773088 A 19880801

Abstract (en)

[origin: EP0356403A1] A roller blind comprises: - a horizontal roller (2) which can rotate freely about its own axis, - a blind (4) having an upper edge fixed to the roller (2) and a free lower edge (5), - a fixed shaft (6), - a resilient biasing device (11) interposed between the fixed shaft (6) and the roller (2), for biasing the roller (2) towards a position in which the blind (4) is rolled up, and - a stop device (13) for locking the blind (4) in any lowered position against the action of the resilient biasing device (11). The stop device (13) comprises a stop body (21) fixed to the shaft (6) and a sleeve (16) which can slide and rotate relative to the shaft (6). The track (17) of a cylindrical cam is formed in the lateral surface of the sleeve (16) and is engaged by an entrainment pin (18) fixed to the roller (2). The track (17) of the cylindrical cam is formed so that the sleeve (16) is drawn into the stop position each time the blind (4) is rolled back by the resilient device (11) after it has been lowered from its most raised position. The track (17) causes the sleeve (16) to move away from the stop position when the blind (4) is lowered by a predetermined distance from the position in which it has been stopped.

IPC 1-7

**E06B 9/82**

IPC 8 full level

**E06B 9/90** (2006.01)

CPC (source: EP)

**E06B 9/90** (2013.01)

Cited by

DE102007002632A1; CN109774433A; CZ297232B6; EP0481688A1; US5167269A; JP2018003898A; US6131642A; AU747342B2; EP0990764A3; JP2013520592A; EP2539526A4; US5890529A; EP0627542A1; US5566741A; AU680486B2; US2011209836A1; US8746320B2; DE102007002632B4; EP1947289A3; WO2011105984A1; EP0990764A2; WO2010128872A1; WO9904126A1; US7147030B2; WO03071080A1; EP1947289A2

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**EP 0356403 A1 19900228; EP 0356403 B1 19921202;** DE 68903707 D1 19930114; DE 68903707 T2 19930401; ES 2036372 T3 19930516; IT 1223746 B 19900929; IT 8867730 A0 19880801

DOCDB simple family (application)

**EP 89830346 A 19890725;** DE 68903707 T 19890725; ES 89830346 T 19890725; IT 6773088 A 19880801