

Title (en)

LIMITER FOR THE OPENING ANGLE OF A PIVOTING ARM

Publication

EP 0285754 A3 19881109 (DE)

Application

EP 88101354 A 19880130

Priority

DE 8705069 U 19870404

Abstract (en)

[origin: US4838111A] A limiting stop for the swinging angle of an arm which is pivotally mounted on a fixed structure. The stop consists of a pair of parallel links which are connected for relative sliding motion between at contracted position and an extended position. At least one of the links has an elongated slot and the other link has a laterally projecting tongue which extends into the slot for movement along the slot. One end of the slot has a stopping surface which is engaged by the tongue when the links are in the extended position for determining the swinging angle of the arm.

IPC 1-7

E05C 17/30

IPC 8 full level

E05C 17/30 (2006.01)

CPC (source: EP US)

E05C 17/30 (2013.01 - EP US); **Y10T 74/2063** (2015.01 - EP US); **Y10T 403/32008** (2015.01 - EP US)

Citation (search report)

- [X] FR 2148720 A5 19730323 - PELLERIN ENTREPRISE
- [A] DE 161114 C
- [A] US 4438544 A 19840327 - WALDO RUSSELL W [US], et al
- [A] DE 250665 C

Cited by

EA012764B1; EP2025844A3; WO2007080024A1; WO2006000473A1; DE202007011079U1; EP2025844A2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 4838111 A 19890613; AT E53429 T1 19900615; DE 3860206 D1 19900712; DE 8705069 U1 19870527; DK 125488 A 19881005; DK 125488 D0 19880309; DK 171901 B1 19970804; EP 0285754 A2 19881012; EP 0285754 A3 19881109; EP 0285754 B1 19900606; ES 2015329 B3 19900816; FI 85612 B 19920131; FI 85612 C 19920511; FI 881365 A0 19880322; FI 881365 A 19881005; NO 171690 B 19930111; NO 171690 C 19930421; NO 881363 D0 19880328; NO 881363 L 19881005

DOCDB simple family (application)

US 17685688 A 19880404; AT 88101354 T 19880130; DE 3860206 T 19880130; DE 8705069 U 19870404; DK 125488 A 19880309; EP 88101354 A 19880130; ES 88101354 T 19880130; FI 881365 A 19880322; NO 881363 A 19880328