

Title (en)  
REMOTE ADJUSTING DEVICE OF A STAGE SPOTLIGHT

Publication  
**EP 0025593 A3 19810527 (DE)**

Application  
**EP 80105436 A 19800911**

Priority  
DE 2937141 A 19790913

Abstract (en)  
[origin: EP0025593A2] In a remote adjusting device of a stage spotlight, in which the adjusting element to be actuated, which is connected to the spotlight, can be rotated by means of an electric motor, in which an actual value can be generated via the actual angular position of the adjusting member by means of a feedback potentiometer coupled to the adjusting member, and in which a control circuit is provided for comparing the actual value with a desired value settable at the control circuit, it being possible to control the motor by means of the control circuit in such a way that the actual value continuously approaches the desired value, and the motor being stopped if the actual value is equal to the desired value, it is proposed to provide as the motor a gearless motor (10, 75) whose driven side is coupled via a flat-belt drive (15, 16, 17; 76, 77, 78), if necessary via a toothed-belt drive (23, 24, 25), and a worm gearing (26, 29, 31; 79, 90, 91) to the adjusting member (2, 6, 96), and that the feedback potentiometer (36, 83) is connected via a further toothed-belt drive (31, 34, 35; 80, 81, 82) to the adjusting member. <IMAGE>

IPC 1-7  
**F21P 5/00; F21V 21/30**

IPC 8 full level  
**F21S 8/00** (2006.01); **F21V 14/08** (2006.01); **F21V 21/15** (2006.01); **F21V 21/30** (2006.01)

CPC (source: EP)  
**F21V 14/08** (2013.01); **F21V 21/15** (2013.01); **F21V 21/30** (2013.01); **F21W 2131/406** (2013.01)

Citation (search report)

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- US 4065806 A 19771227 - SATOH TAJI

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Designated contracting state (EPC)  
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**EP 0025593 A2 19810325; EP 0025593 A3 19810527**; DE 2937141 A1 19810402; DE 2937141 C2 19851010

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