

Title (en)  
AUTOMATED AND INTELLIGENT SHADING SYSTEMS

Title (de)  
AUTOMATISIERTE UND INTELLIGENTE BESCHATTUNGSSYSTEME

Title (fr)  
SYSTÈMES D'OMBRAGE AUTOMATISÉS ET INTELLIGENTS

Publication  
**EP 3455435 A1 20190320 (EN)**

Application  
**EP 17796645 A 20170508**

Priority

- US 201662333822 P 20160509
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- US 201615212173 A 20160715
- US 201615214471 A 20160720
- US 201615273669 A 20160922
- US 2017031625 W 20170508

Abstract (en)  
[origin: WO2017196758A1] An intelligent shading object comprises a base assembly and an umbrella support assembly. The umbrella support assembly is coupled to the base assembly and comprises a first processor and a first motor assembly. The first motor assembly rotates an umbrella support assembly about a vertical axis in response to commands and/or signals generated by the first processor. The umbrella assembly further comprises a stem assembly and a center support assembly, where the center support assembly further comprises a second processor, a second motor assembly, a lower assembly, an upper assembly, and a hinging assembly. The second processor communicates signals and/or commands to the second motor assembly and the second motor assembly drives the upper assembly to rotate with respect to the lower assembly via the hinging assembly.

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