

Title (en)  
Function indicator for visually indicating an operating state of equipment

Title (de)  
Funktionsanzeige zum Anzeigen des Zustandes einer Vorrichtung

Title (fr)  
Indicateur de fonction pour la visualisation de l'état d'un dispositif

Publication  
**EP 1389788 A1 20040218 (EN)**

Application  
**EP 02018105 A 20020813**

Priority  
EP 02018105 A 20020813

Abstract (en)  
A function indicator for visually indicating an operating state of equipment comprises at least one light emitting element 4, and an optically transparent member OB for distributing the light emitted by the light emitting element 4. The optically transparent member has a light distribution portion BS with a first recess 7 and a second recess 8 opposite to the first recess 7. The light emitting element 4 is arranged proximate to one (7) of the two recesses such that the vertices of the two recesses are located essentially on the light emission main axis of the light emitting element 4. The opening angles  $\phi_1$ ,  $\phi_2$  of the two recesses 7, 8 are such that light rays emitted from the light emitting element 4 are refracted by the surface of recess 7 to be incident on the surface of the recess 8 at an angle THETA 3 of total reflection, to be thereby reflected into the light distribution portion BS of the optically transparent member. <IMAGE>

IPC 1-7  
**H01H 13/02**

IPC 8 full level  
**H01H 13/02** (2006.01)

CPC (source: EP)  
**H01H 13/023** (2013.01); **H01H 2219/062** (2013.01); **H01H 2219/0622** (2013.01)

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