

Title (en)  
Improvements to information display devices.

Title (de)  
Informationsanzeigevorrichtungen.

Title (fr)  
Dispositifs d'affichage d'information.

Publication  
**EP 0084959 A2 19830803 (EN)**

Application  
**EP 83300287 A 19830120**

Priority  
GB 8201779 A 19820122

Abstract (en)  
A display device of the matrix type utilises coincident current selection of display elements by the provision of row conductors (R) activating row electromagnets (D) and column conductors (C) activating column electromagnets (H). Each display element includes a rotatable vane (S) which is stable in open and closed positions and a permanent magnet (M) co-operates with the electromagnet (D) to urge the vane (S) into the appropriate position. Bar (L) extending from the vane (S) contacts the pole face of electromagnet (H) which, when activated, serves to inhibit movement of the vane irrespective of activation of the row electromagnet (D). Thus by pulsing the display row-by-row, the state of the display elements can be set by selective inhibiting of movement in coincident manner of the appropriate vanes (S) by pulsing the respective column conductors.

IPC 1-7  
**G09F 9/37**

IPC 8 full level  
**G09F 9/37** (2006.01); **G09F 11/23** (2006.01)

CPC (source: EP)  
**G09F 9/375** (2013.01)

Cited by  
DE3501912A1; US4800381A; DE3601018A1; GB2221075A; GB2221075B; WO8604440A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0084959 A2 19830803**; **EP 0084959 A3 19850206**; **EP 0084959 B1 19870401**; DE 3370705 D1 19870507; JP H0372986 B2 19911120; JP S58174987 A 19831014

DOCDB simple family (application)  
**EP 83300287 A 19830120**; DE 3370705 T 19830120; JP 862983 A 19830121