

Title (en)
Charge discharge touchplate for video display terminals.

Title (de)
Entladetastfläche für Videobildschirm.

Title (fr)
Touche de décharge pour terminaux d'affichage vidéo.

Publication
EP 0353058 A1 19900131 (EN)

Application
EP 89307621 A 19890727

Priority
• US 22545988 A 19880728
• US 27257588 A 19881117

Abstract (en)
Apparatus for use with a video display terminal (12) for the discharge of static electricity accumulated on a user to the ground circuit of the terminal. The apparatus includes a touchplate (40, 76) of conductive material adapted to be electrically connected to a conductive filter screen (17, 70) mounted over the display surface (18) of the video display terminal. The touchplate (40, 76) may be attached to the frame (16, 74) of the filter screen or may be a means remote from the screen but electrically connected to the screen. An indicator light (82) may also be interposed in the discharge path to indicate that the static charge has been discharged. The user of the terminal merely touches the touchplate to discharge static electricity to the filter screen.

IPC 1-7
H01J 29/86; H05F 3/02

IPC 8 full level
A61N 1/08 (2006.01); **A61N 1/04** (2006.01); **A61N 1/14** (2006.01); **H01J 29/86** (2006.01); **H05F 3/02** (2006.01)

CPC (source: EP)
H01J 29/868 (2013.01); **H05F 3/02** (2013.01); **H01J 2229/8633** (2013.01)

Citation (search report)
• [X] US 4745518 A 19880517 - FANG KUO C [TW]
• [A] US 4586106 A 19860429 - FRAZIER THOMAS G [US]

Cited by
EP0615271A1; EP0639040A1; AU671033B2; EP0617485A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0353058 A1 19900131; AU 3806089 A 19900201; DK 366189 A 19900129; DK 366189 D0 19890725; JP H02167179 A 19900627; JP H0412993 B2 19920306; NO 893031 D0 19890725; NO 893031 L 19900129

DOCDB simple family (application)
EP 89307621 A 19890727; AU 3806089 A 19890712; DK 366189 A 19890725; JP 19442989 A 19890728; NO 893031 A 19890725