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(54) **LOW POWER ACTIVE MATRIX DISPLAY**

AKTIVMATRIXDISPLAY MIT GERINGEM STROMVERBRAUCH

DISPOSITIF D’AFFICHAGE À MATRICE ACTIVE DE FAIBLE PUISSANCE

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专利名称(译)	低功耗有源矩阵显示器		
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摘要(译)

这里描述的是用于在低频刷新的液晶显示器 (LCD) 中降低功耗和减轻器件应力累积的系统和方法。在示例性实施例中，串联的两个或更多个晶体管用于在LCD像素上保持电荷。为了防止晶体管上的负应力，晶体管交替地被驱动到“导通”状态，使得没有一个晶体管看到长的“关断”时间。在另一个实施例中，提供了用于执行帧写入和应力减轻的电路和信号波形，其使外围ESD电路中的动态功耗和静态功耗最小化。