Title (en)
   Driving method for DHF-LCD

Title (de)
   Ansteuerungsverfahren für DHF-LCD

Title (fr)
   Procédé de commande pour un affichage à cristaux liquides DHF

Publication
   EP 0666555 B1 19980708 (DE)

Application
   EP 95100351 A 19950112

Priority
   CH 23394 A 19940126

Abstract (en)
   [origin: EP0666555A1] The method involves setting each pixel to a defined voltage before transmitting a data pulse. The pixels are brought to a null voltage line by line. Alternatively, the pixels are brought to a voltage of equal polarity to the data pulse line by line. Alternatively, the pixels can be brought to the maximum voltage line by line and the data pulse can use the full voltage range between the maximum positive and minimum negative voltage as an amplitude modulated signal. The data pulses can alternatively be sent as pulse width modulated pulses with maximum amplitude but opposite polarity.

IPC 1-7
   G09G 3/36; G02F 1/141

IPC 8 full level
   G02F 1/137 (2006.01); **C09K 19/02** (2006.01); **G02F 1/133** (2006.01); **G02F 1/141** (2006.01); **G09G 3/36** (2006.01); G09G 3/20 (2006.01)

CPC (source: EP KR US)
   G09G 3/16 (2013.01 - KR); **G09G 3/3629** (2013.01 - EP US); **G09G 3/3651** (2013.01 - EP US); G09G 3/2011 (2013.01 - EP US);
   G09G 2310/0251 (2013.01 - EP US)

Cited by
   EP0926654A1; US6542142B2

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

DOCDB simple family (publication)
   EP 0666555 A1 19950809; **EP 0666555 B1 19980708**; CN 1096051 C 20021211; CN 1121231 A 19960424; DE 59502715 D1 19980813;
   HK 1011445 A1 19990709; JP 3520122 B2 20040419; JP H07218934 A 19950818; KR 100254648 B1 20000501; KR 950024139 A 19950821;
   SG 47897 A1 19980417; US 6163311 A 20001219

DOCDB simple family (application)
   EP 95100351 A 19950112; CN 95100725 A 19950124; DE 59502715 T 19950112; HK 98112432 A 19981127; JP 4295 A 19950104;
   KR 19940040787 A 19941230; SG 1996005102 A 19950112; US 31621199 A 19990521