

Title (en)

Ink jet printhead having a palladium cavitation barrier and interconnect layer

Title (de)

Tintenstrahldruckkopf mit einer Kavitationssperrschicht von Palladium und einer Verbindungsschicht

Title (fr)

Tête d'impression à jet d'encre ayant une couche au palladium résistante à la cavitation et une couche d'interconnexion

Publication

EP 0688672 A1 19951227 (EN)

Application

EP 95302093 A 19950329

Priority

US 26547094 A 19940624

Abstract (en)

A printhead for an inkjet printer includes a substrate (201) with a film resistor area (209) and an electrically insulating layer (213) deposited on one surface of the substrate (201). A cavitation barrier and electrical interconnect layer (203) composed of palladium is selectively deposited on the electrically insulating layer (213) over the resistor (205) for cavitation protection and on a portion of the electrically insulating layer (213) for coupling between the resistor (205) and other electrical components. The single layer of palladium (303) reduces the number of steps required in the manufacture of such an inkjet printhead. <IMAGE>

IPC 1-7

B41J 2/16

IPC 8 full level

B41J 2/05 (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

B41J 2/14129 (2013.01); **B41J 2/1603** (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1629** (2013.01); **B41J 2/1642** (2013.01); **B41J 2/1646** (2013.01)

Citation (search report)

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