

Title (en)

INDIUM ELECTROPLATING COMPOSITIONS CONTAINING 2-IMIDAZOLIDINETHIONE COMPOUNDS AND METHODS FOR ELECTROPLATING INDIUM

Title (de)

INDIUM-ELEKTROPLATTIERUNGSZUSAMMENSETZUNGEN MIT 2-IMIDAZOLIDINETHION-VERBINDUNGEN UND INDIUM-ELEKTROPLATTIERUNGSVERFAHREN

Title (fr)

COMPOSITIONS D'ÉLECTRODÉPOSITION D'INDIUM CONTENANT DES COMPOSÉS DE 2-IMIDAZOLIDINETHIONE ET PROCÉDÉS D'ÉLECTRODÉPOSITION D'INDIUM

Publication

EP 3272911 B1 20190828 (EN)

Application

EP 17181754 A 20170717

Priority

US 201662363540 P 20160718

Abstract (en)

[origin: EP3272911A1] Indium electroplating compositions containing 2-imidazolidinethione compounds electroplate substantially defect-free uniform layers which have a smooth surface morphology on metal layers. The indium electroplating compositions can be used to electroplate indium metal on metal layers of various substrates such as semiconductor wafers and as thermal interface materials.

IPC 8 full level

C25D 3/54 (2006.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

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EP 17181754 A 20170717; CN 201710496974 A 20170626; JP 2017128737 A 20170630; KR 20170082235 A 20170629; TW 106120953 A 20170622; US 201715593456 A 20170512