

Title (en)
Polishing method

Title (de)
Polierv Verfahren

Title (fr)
Procédé de polissage

Publication
EP 1308243 B1 20050713 (EN)

Application
EP 02025724 A 19950913

Priority
• EP 02025724 A 19950913
• EP 95931398 A 19950913

Abstract (en)
[origin: EP1308243A1] The present invention relates to a semiconductor device manufacturing method, comprising the steps of: forming on a substrate a first insulating film having an opening; forming a first wiring layer extending from the interior of said opening onto said first insulating layer; forming on said first wiring layer a second insulating film thicker than the first wiring layer polishing and thereby levelling said second insulating film; forming a second wiring layer on the levelled second insulating film; whereby said step of levelling said second insulating film includes: using at least two polishing tools stepwise, wherein the modulus of elasticity of the polishing tool used first, i.e., the first polishing tool, is smaller than that of the polishing tool used next, i.e., the second polishing tool. <IMAGE>

IPC 1-7
B24B 37/04; **B24D 13/14**; **B24D 3/32**

IPC 8 full level
B24B 37/04 (2012.01); **B24D 3/32** (2006.01); **B24D 13/14** (2006.01)

CPC (source: EP)
B24B 27/0023 (2013.01); **B24B 37/042** (2013.01); **B24B 37/24** (2013.01); **B24D 3/32** (2013.01)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1308243 A1 20030507; **EP 1308243 B1 20050713**

DOCDB simple family (application)
EP 02025724 A 19950913