

Title (en)

DURABLE, LOW OHM, HIGH TRANSMISSION TRANSPARENT CONDUCTOR

Title (de)

LANGLEBIGER, NIEDEROHMIGER, DURCHSICHTIGER LEITER MIT HOHER TRANSMISSION

Title (fr)

CONDUCTEUR TRANSPARENT HAUTE TRANSMISSION DURABLE A FAIBLE OHM

Publication

**EP 1451009 A1 20040901 (EN)**

Application

**EP 02775710 A 20020913**

Priority

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- US 95144701 A 20010914

Abstract (en)

[origin: WO03024712A1] A transparent electrically conductive flexible composite comprises a transparent flexible polymeric sheet (2) with a transparent electrically conductive coating (1) of indium zinc oxide on the sheet. The zinc content in the indium zinc oxide coating is in the range of 0.01 to 9.99 atomic percent relative to the total amount of indium and zinc in the oxide. The indium zinc oxide coating has a sheet resistance in the range of 3-1000 ohms per square. The electrically conductive coating of indium zinc oxide is sputter coated onto the sheet.

IPC 1-7

**B32B 27/06**; B32B 27/36

IPC 8 full level

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CPC (source: EP)

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See references of WO 03024712A1

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