

Title (en)
Two phase metal/oxide films.

Title (de)
Zweiphasige Metall/Oxidfilme.

Title (fr)
Films de métal/oxyde à deux phases.

Publication
EP 0391578 A1 19901010 (EN)

Application
EP 90303077 A 19900322

Priority
• CA 594495 A 19890322
• CA 614985 A 19890929

Abstract (en)
A process for producing a two phase metal/oxide film. The process comprises forming a porous oxide film (10) on a substrate (11), introducing a weakened stratum (12) into the oxide film so that the film (10) (or at least an outer part of the film) can be subsequently detached along the weakened stratum, depositing a metal (13, 14) on and/or within the pores of the film, and detaching at least the outer film part from the substrate. The detached film so produced can be used for many purposes depending on the film thickness, position of the metal deposits on or with the pores etc. Examples include optical interference devices, magnetic media, coatings for plastics and paper, etc.

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B01J 35/06; C09C 3/06; C09D 11/00; C25D 11/12; C25D 11/18; G11B 5/64; G11B 5/84

IPC 8 full level
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Citation (search report)
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• [AD] GB 1532235 A 19781115 - ALCAN RES & DEV
• [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 160 (C-289)[1883], 4th July 1985; & JP-A-60 33 390 (NIHON KOUKI K.K.) 20-02-1985

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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