

Title (en)  
Web-shaped plasma-processed materials

Title (de)  
Plasmapbehandelte bahnförmige Werkstoffe

Title (fr)  
Matériaux en forme de bandes traitées par plasma

Publication  
**EP 1132492 A3 20020717 (DE)**

Application  
**EP 01103655 A 20010223**

Priority  
DE 10011274 A 20000308

Abstract (en)  
[origin: EP1132492A2] Production of a strip-like metallic or polymeric material comprises subjecting the surface of the material to an atmospheric plasma produced by an indirect plasmatron optionally with the introduction of a gas or aerosol. Preferred Features: The atmospheric plasma is produced by an indirect plasmatron having a neutrode with a permanent magnet pair to influence the shape and position of the plasma arc.

IPC 1-7  
**C23C 4/12**; **C23C 4/14**; **B05B 7/22**; **C23C 16/02**; **C23C 16/503**

IPC 8 full level  
**B41M 1/30** (2006.01); **C08J 7/00** (2006.01); **C23C 4/00** (2006.01); **C23C 4/12** (2006.01); **C23C 8/36** (2006.01)

CPC (source: EP US)  
**C23C 4/12** (2013.01 - EP US); **C23C 8/36** (2013.01 - EP US); **Y10T 428/12431** (2015.01 - EP US); **Y10T 428/31** (2015.01 - EP US); **Y10T 428/31504** (2015.04 - EP US)

Citation (search report)  
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DOCDB simple family (application)  
**EP 01103655 A 20010223**; BR 0100936 A 20010308; CA 2339675 A 20010306; DE 10011274 A 20000308; JP 2001056823 A 20010301; MX PA01002048 A 20010226; NO 20011153 A 20010307; PL 34629001 A 20010306; RU 2001106186 A 20010307; US 80037001 A 20010306