

Title (en)

Cylindrical counter electrode of a Corona electrode system for Corona treatment of sheet materials with a limited strength; particularly foils

Title (de)

Walzenförmige Gegenelektrode eines Koronaelektrodensystems zur Koronabehandlung von bahnförmigen Materialien von geringer Stärke, insbesondere Folien

Title (fr)

Contre-électrode d'un ensemble d'électrodes corona pour traitement corona de matériaux en bande ayant une rigidité limitée, en particulier des feuilles

Publication

EP 1746696 A1 20070124 (DE)

Application

EP 05015936 A 20050722

Priority

EP 05015936 A 20050722

Abstract (en)

Cylinder-like counter electrode (1) has a larger diameter on its external ends (5, 6) than in the central section (3). An independent claim is also included for a corona electrode system for continuous corona treatment of strip-like material, especially films, comprising a high voltage electrode and the above counter electrode. Preferred Features: The counter electrode is concave or conically tapers from its outer ends via sections (2, 4). The external ends have identical diameters.

IPC 8 full level

B29C 59/10 (2006.01); **H01T 19/00** (2006.01)

CPC (source: EP)

H01T 19/00 (2013.01)

Citation (search report)

[A] US 3405052 A 19681008 - SCHIRMER HENRY G

Cited by

CN109664394A; US9831070B1; EP3326813A1; DE102016122556A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1746696 A1 20070124

DOCDB simple family (application)

EP 05015936 A 20050722