

Title (en)

Rolling coil roller and method for processing a sheet of material

Title (de)

Rollenwicklerwalze und Verfahren zum Behandeln einer Materialbahn

Title (fr)

Cylindre d'enrouleur et procédé de traitement d'une bande de matériau

Publication

EP 2301873 A3 20111130 (DE)

Application

EP 10173345 A 20100819

Priority

DE 102009045071 A 20090928

Abstract (en)

[origin: EP2301873A2] The roll winder drum (20) is provided with a roll core (15), a radial outside surface (17) of an incompressible elastomer, and a boundary layer (17a) with an opening and a web. The volume ratio of the opening and the web of the boundary layer are chosen such that the boundary layer is formed in a quasi-compressible manner.

IPC 8 full level

B65H 27/00 (2006.01)

CPC (source: EP)

B65H 27/00 (2013.01); **B65H 2401/111** (2013.01); **B65H 2404/1316** (2013.01); **B65H 2406/33** (2013.01)

Citation (search report)

- [XYI] US RE37657 E 20020416 - LUCAS ROBERT G [US]
- [YA] EP 1681254 A2 20060719 - VOITH PAPER PATENT GMBH [DE]
- [A] US 2985398 A 19610523 - LEONARD ROCKSTROM, et al
- [A] DE 29615385 U1 19961128 - JAGENBERG PAPIERTECH GMBH [DE]
- [A] DE 19627677 A1 19980115 - BELOIT TECHNOLOGIES INC [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2301873 A2 20110330; EP 2301873 A3 20111130; CN 201895971 U 20110713; DE 102009045071 A1 20110331

DOCDB simple family (application)

EP 10173345 A 20100819; CN 201020548657 U 20100928; DE 102009045071 A 20090928