

Title (en)

Drafting roller unit.

Title (de)

Streckrollenaggregat.

Title (fr)

Ensemble de cylindres d'étirage.

Publication

EP 0454618 B1 19940518 (DE)

Application

EP 91810204 A 19910322

Priority

CH 143390 A 19900426

Abstract (en)

[origin: EP0454618A1] The drafting-roller unit (1) has a circulation space (59) which completely surrounds all the spark-generating elements of the unit. In the galette (15), the circulation space (59) initially guides the scavenging gas into an annular space along the shaft (7) to the bottom (67) of the galette (15) and from there back between the winding stack (35) of the induction winding (35) under the galette surface (43). A gap (45) of minimum width between the galette surface (43) and a covering collar (41) supporting the galette (15) and the stationary parts of the unit form the outlet orifice for the scavenging gas.

IPC 1-7

D02J 13/00; H02K 5/136

IPC 8 full level

D01D 5/06 (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)

D02J 1/224 (2013.01 - EP US); **D02J 13/005** (2013.01 - EP US)

Cited by

DE102019134639A1; US5763859A; CN105543985A; WO2008098996A1; WO2021123941A1; DE102019134639B4

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0454618 A1 19911030; **EP 0454618 B1 19940518**; DE 59101640 D1 19940623; JP H04228643 A 19920818; US 5324905 A 19940628

DOCDB simple family (application)

EP 91810204 A 19910322; DE 59101640 T 19910322; JP 9507891 A 19910425; US 69211891 A 19910426