

Title (en)

METHOD AND DEVICE FOR PRODUCING AN ABSORPTION SILENCER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES ABSORPTIONSSCHALLDÄMPFERS

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION D'UN SILENCIEUX A ABSORPTION

Publication

EP 1141525 A1 20011010 (DE)

Application

EP 99968804 A 19991218

Priority

- DE 19901150 A 19990114
- EP 9910109 W 19991218

Abstract (en)

[origin: US6588105B1] The invention relates to a method for producing a shock absorber. A section of a steel wool strip is severed from a supply thereof. The perforated area of a tube is wrapped with the steel wool strip section. Said tube is embedded in sound-absorbing material and accommodated in a housing. The steel wool strip section is severed from the supply thereof by a thermal cut. An appropriate device for carrying out the inventive method comprises a supply station for the steel wool strip (6), a severing station (9) for severing individual steel wool strip sections from the steel wool strip supply, a transport station for transporting the steel wool strip and/or the steel wool strip section in the direction (A) towards the tube to be wrapped. Said device also comprises a wrapping station (7) for wrapping the steel wool strip section around the tube, whereby the severing station (9) comprises a thermal severing device (10) for cutting through the steel wool strip (6).

IPC 1-7

F01N 1/24; **F01N 7/18**

IPC 8 full level

F01N 1/24 (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP US)

F01N 1/24 (2013.01 - EP US); **F01N 13/18** (2013.01 - EP US); **F01N 2310/04** (2013.01 - EP US); **F01N 2450/06** (2013.01 - EP US); **Y10T 29/49391** (2015.01 - EP US); **Y10T 29/49398** (2015.01 - EP US); **Y10T 29/49828** (2015.01 - EP US); **Y10T 29/5142** (2015.01 - EP US); **Y10T 29/5185** (2015.01 - EP US); **Y10T 29/5197** (2015.01 - EP US); **Y10T 29/53357** (2015.01 - EP US)

Citation (search report)

See references of WO 0042301A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6588105 B1 20030708; DE 19901150 A1 20000727; EP 1141525 A1 20011010; HU P0103963 A2 20020328; HU P0103963 A3 20020528; WO 0042301 A1 20000720; WO 0042301 A8 20010315; ZA 200105779 B 20020823

DOCDB simple family (application)

US 78759001 A 20010320; DE 19901150 A 19990114; EP 9910109 W 19991218; EP 99968804 A 19991218; HU P0103963 A 19991218; ZA 200105779 A 20010713