

Title (en)

SPIRAL-FORMED EXHAUST TUBE

Title (de)

AUS EINEM SCHRAUBENNAHTROHR GEFORMTES AUSPUFFROHR

Title (fr)

TUBE D'ECHAPPEMENT FORME EN SPIRALE

Publication

EP 1009555 A4 20021016 (EN)

Application

EP 98921204 A 19980514

Priority

- US 9809858 W 19980514
- US 4669797 P 19970514

Abstract (en)

[origin: WO9851424A1] A method is provided for producing a spiral-formed exhaust tube (12). Material (14) having spaced-apart first and second edges (50, 52) and a die (86) having a groove (96) are provided. Louvers (32) are formed in the material (14). The material (14) is rolled into a tube using the die (86) so that the louvers (32) extend outwardly away from a longitudinal axis (84) of the tube (12). The louvers (32) pass through the groove (96) of the die (86) as the material (14) is rolled into the tube (12). The first and second edges (50, 52) of the material (14) are then connected.

IPC 1-7

B21C 37/12

IPC 8 full level

B21C 37/12 (2006.01)

CPC (source: EP)

B21C 37/121 (2013.01); **B21C 37/124** (2013.01); **B21C 37/126** (2013.01); **B21C 37/157** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9851424A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9851424 A1 19981119; BR 9809110 A 20000801; CA 2290585 A1 19981119; CN 1266387 A 20000913; EP 1009555 A1 20000621;
EP 1009555 A4 20021016

DOCDB simple family (application)

US 9809858 W 19980514; BR 9809110 A 19980514; CA 2290585 A 19980514; CN 98806843 A 19980514; EP 98921204 A 19980514