

Title (en)
Cutting plunger

Title (de)
Schälstößel

Title (fr)
Poussoir coupant

Publication
EP 2353733 B1 20140319 (DE)

Application
EP 10151767 A 20100127

Priority
EP 10151767 A 20100127

Abstract (en)
[origin: EP2353733A1] The pressure surge (20) has a cutting tool with a cutting element having a cutting edge for cutting an intermediate wall (34) that separates an outer material retaining chamber (32) and an inner material retaining chamber (33). The cutting tool is formed such that a section is produced in the form of a helix during cutting of the wall. The cutting element is diagonally arranged at an angle relative to a movement direction of an external injection piston (37) and an internal injection piston (38), and a head part (21) has a chamber for collecting the cut wall. Independent claims are also included for the following: (1) an injection device comprising a coaxial cartridge with an outer material retaining chamber for retaining material components (2) a method for injecting material from a coaxial cartridge.

IPC 8 full level
B05C 17/01 (2006.01)

CPC (source: EP)
B05C 17/00559 (2013.01); **B05C 17/0106** (2013.01)

Cited by
WO2019042774A1; WO2016020129A1; DE102013107955A1; WO2019042772A1; US11389812B2

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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)
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