

Title (en)

Roller tool for the deformation of metal sheet along a line and device for deforming metal sheet comprising such a roller tool

Title (de)

Rollenwerkzeug zur linienhaften Blechverformung sowie Blechverformungsvorrichtung mit einem derartigen Rollenwerkzeug

Title (fr)

Outil de galets pour le formage des tôles métalliques selon une ligne et dispositif de formage des tôles métalliques comprenant un tel outil

Publication

**EP 1688195 B1 20080227 (DE)**

Application

**EP 06000255 A 20060107**

Priority

DE 102005003558 A 20050126

Abstract (en)

[origin: EP1688195A1] The tool (2) has a roller body (12) rolling around a shaft (11) of a press roller (8). The press roller and a counter-body (10) are guidable together in a linear manner relative to a sheet metal to be processed and lying between the press roller and counter-body, for forming the deformation of the sheet metal. The roller body exhibits multiple roller discs (14, 23) that are adjacent to each other. The roller discs collectively form a section of the roller body, which is connectable to the sheet metal to be processed, where the roller discs rotate around the shaft independently of each other. An independent claim is also included for a sheet metal deforming device comprising a roller tool support.

IPC 8 full level

**B21D 17/04** (2006.01)

CPC (source: EP US)

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Cited by

CN107081361A; US11376647B2; US11471924B2; US11219936B2

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**EP 1688195 A1 20060809; EP 1688195 B1 20080227**; AT E387270 T1 20080315; CN 100467154 C 20090311; CN 1810405 A 20060802; DE 102005003558 A1 20060727; DE 502006000364 D1 20080410; US 2006162413 A1 20060727; US 7343767 B2 20080318

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