

Title (en)
Feeding device with resilient clamping jaw

Title (de)
Vorschubvorrichtung mit nachgiebiger Klemmbacke

Title (fr)
Dispositif d'avance avec mâchoire de serrage souple

Publication
EP 1676655 A1 20060705 (DE)

Application
EP 06006565 A 20050928

Priority
• EP 05021192 A 20050928
• DE 102004047048 A 20040928

Abstract (en)
The mechanism to advance longitudinal material through workstations, e.g. wires or profiles to be shaped by bending or stamping, has at least one clamp with two adjustable clamping pads (20,22) to be opened and closed to hold the material or allow it to move through. At least one clamping pad is pliable, as a longitudinal component, with at least one opening (92a,92b) orthogonal to the longitudinal line (20c) of the clamping pad. The second end (20b) of the clamping pad (20) has a truncated cone clamping surface (94), of hard metal or ceramic, fastened by a screw to a shaft section (92).

IPC 8 full level
B21D 43/10 (2006.01); **B21C 1/30** (2006.01); **B21F 23/00** (2006.01)

CPC (source: EP)
B21C 1/30 (2013.01); **B21D 43/10** (2013.01); **B21D 43/12** (2013.01); **B21F 23/002** (2013.01); **B21F 23/005** (2013.01)

Citation (search report)
• [A] US 3684145 A 19720815 - JENKINS CARLTON G
• [A] GB 1450136 A 19760922 - DANIELI L, et al
• [A] US 2961138 A 19601122 - KAYE ANTHONY J
• [A] EP 0442037 A1 19910821 - KABELMETAL ELECTRO GMBH [DE]
• [A] US 1911157 A 19330523 - LEECH JACOB T

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1640084 A2 20060329; EP 1640084 A3 20060405; EP 1640084 B1 20070411; AT E359136 T1 20070515; AT E386599 T1 20080315; DE 102004047048 A1 20060406; DE 502005000577 D1 20070524; DE 502005002906 D1 20080403; EP 1676655 A1 20060705; EP 1676655 B1 20080220; ES 2285622 T3 20071116; ES 2301107 T3 20080616; PL 1640084 T3 20070928; PL 1676655 T3 20080731

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