

Title (en)

Improved press for extruding non-ferrous metal section members

Title (de)

Verbesserte Presse zum Strangpressen von Profilelementen aus Nichteisenmetall

Title (fr)

Presse améliorée pour extruder des éléments à section métallique non ferreuse

Publication

**EP 2000226 A1 20081210 (EN)**

Application

**EP 08010226 A 20080605**

Priority

IT MI20071153 A 20070606

Abstract (en)

An extruding press for extruding non-ferrous metal section or profiled elements comprises an extruding punch (2) driven by hydraulic driving cylinders (3, 4), fluid-supplied by a pump controlled by at least a motor (16) having a low moment of inertia, in particular a three-phase asynchronous motor for converters. With respect to prior extruding presses for extruding non-ferrous metal section members, the inventive press provides the advantage of overcoming a conventional requirement of providing servo-valves and a related driving pump, for controlling the cylinder driving pump flow-rate or displacement. A further advantage of the inventive extruding press is that the cylinder driving pump motor is driven only as it is necessary, and is left in a rest condition as the press cylinder is in a rest condition.

IPC 8 full level

**B21C 23/21** (2006.01); **B21C 31/00** (2006.01)

CPC (source: EP)

**B21C 23/211** (2013.01); **B21C 31/00** (2013.01)

Citation (search report)

- [A] JP H01309718 A 19891214 - NIPPON ALUMINIUM MFG, et al
- [A] US 3649816 A 19720314 - JOHNES ALFRED W, et al

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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