

Title (en)

MOULD CLOSING UNIT FOR INJECTION MOULDING MACHINE

Title (de)

FORMSCHLIESSEINHEIT FÜR EINE SPRITZGIESSMASCHINE

Title (fr)

UNITE DE SERRAGE DE MOULE POUR MACHINE DE MOULAGE PAR INJECTION

Publication

**EP 1077800 A1 20010228 (DE)**

Application

**EP 99920836 A 19990503**

Priority

- DE 19820934 A 19980509
- EP 9902985 W 19990503

Abstract (en)

[origin: DE19820934A1] The balancing cylinder (30') is located on the central axis (a-a) of the machine and the hydraulic cylinders forming the clamping (D) and tool closing (F) units lie on a vertical plane (v-v) through the central axis. Preferred Features: An ejection unit cylinder (40) is coaxial to the balancing cylinder (30') and the cylinder (31) of the balancing cylinder carries the ejector unit piston (41). Several ejector units may be symmetrically arranged around the balancing cylinder and are operated in conjunction with the ejector using a bridge. Tool closure (F) and ejector (A) drive units may alternatively be electromechanically driven.

IPC 1-7

**B29C 45/67**; **B29C 45/40**

IPC 8 full level

**B29C 45/40** (2006.01); **B29C 45/67** (2006.01)

CPC (source: EP)

**B29C 45/4005** (2013.01); **B29C 45/6771** (2013.01); **B29C 2045/6785** (2013.01)

Citation (search report)

See references of WO 9958312A1

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**DE 19820934 A1 19991118**; **DE 19820934 C2 20031204**; CA 2329068 A1 19991118; EP 1077800 A1 20010228; WO 9958312 A1 19991118

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