

Title (en)

INJECTION-MOULDING UNIT FOR A MACHINE FOR THE INJECTION MOULDING OF PLASTICS

Title (de)

SPRITZGIESSEINHEIT FÜR EINE KUNSTSTOFF-SPRITZGIESSMASCHINE

Title (fr)

UNITE DE MOULAGE PAR INJECTION POUR MACHINE DE MOULAGE PAR INJECTION DE MATIERES PLASTIQUES

Publication

**EP 0855953 A2 19980805 (DE)**

Application

**EP 96932443 A 19960813**

Priority

- DE 9601532 W 19960813
- DE 19531329 A 19950825
- DE 19542453 A 19951114

Abstract (en)

[origin: WO9707971A1] The injection-moulding unit described has several electromechanical drive units (A) disposed symmetrically to the injection axis to push the injection-moulding unit until the nozzle rests against the mould and several electromechanical injection units (E) disposed symmetrically to the injection axis to move the injection bridge (25) relative to the support block (10). To this end, the injection bridge and support block can be moved along linear guide elements (83). The guide elements (83) are disposed symmetrically to the injection axis, and the drive units (A), injection units (E) and guide elements (83) lie in different planes (h-h, e-e, f-f) which include the injection axis (s-s).

IPC 1-7

**B29C 45/50**; **B29C 45/07**

IPC 8 full level

**B29C 45/07** (2006.01); **B29C 45/50** (2006.01)

CPC (source: EP US)

**B29C 45/07** (2013.01 - EP US); **B29C 45/5008** (2013.01 - EP US); **B29C 2045/5084** (2013.01 - EP US); **B29C 2045/7271** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

**WO 9707971 A1 19970306**; CA 2228755 A1 19970306; EP 0855953 A2 19980805; JP H11511083 A 19990928; US 5968563 A 19991019

DOCDB simple family (application)

**DE 9601532 W 19960813**; CA 2228755 A 19960813; EP 96932443 A 19960813; JP 50968797 A 19960813; US 2940697 A 19970225