

Title (en)
CLOSING UNIT FOR INJECTION MOULDING MACHINE

Title (de)
SCHLIESSEINHEIT FÜR EINE SPRITZGIESSMASCHINE

Title (fr)
UNITE DE FERMETURE POUR PRESSE D'INJECTION

Publication
EP 0833735 A1 19980408 (DE)

Application
EP 96918680 A 19960610

Priority
• EP 9602505 W 19960610
• LU 88622 A 19950612

Abstract (en)
[origin: WO9641710A1] A closing unit for an injection moulding machine has a movable closing die (20) and a fixed matching die (14) designed as clamping dies for an injection mould, as well as several hydraulic cylinders (26) mounted on the fixed matching die (14) to apply a closing force. A servo-drive (70) allows the drawbars (22) to swivel around their longitudinal axes up to a first and second angular position. First locking means (38) arranged on the drawbars (22) along a first section A of the drawbars co-operate with second locking means (36) arranged on the movable closing die (20). In the first angular position of the drawbars (22), the locking means (38, 36) allow the movable closing die (20) to move axially with respect to the drawbars (22), and in a second angular position of the drawbars (22) they transmit the required closing force.

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See references of WO 9641710A1

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