

Title (en)

DEVICE FOR EJECTION OF MOULDED PIECES FROM A MOULDING TOOL

Title (de)

VORRICHTUNG ZUM AUSSTOSSEN VON UMFORMTEILEN AUS EINEM UMFORMWERKZEUG

Title (fr)

DISPOSITIF POUR EJECTER DES PIECES FACONNEES D'UN OUTIL DE FACONNAGE

Publication

**EP 1446247 A1 20040818 (DE)**

Application

**EP 02774242 A 20021119**

Priority

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- CH 21562001 A 20011122

Abstract (en)

[origin: WO03043759A1] The invention relates to a so-called spring cushion (5), for the ejection of moulded pieces (4) from a moulding tool (3), with a plunger (6), moving in a guide tube (9) within the moulding tool and loaded in the ejection direction (14) by means of a spring (15). According to the invention, the spring (15) is embodied as a draw spring, in particular as a spiral draw spring. Considerably longer service life can be achieved as draw springs do not have radial deflections on loading.

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