

Title (en)

Overload protection for a finger in a press

Title (de)

Überlastungsschutz für Pressfinger

Title (fr)

Protection contre les surcharges pour un doigt presseur

Publication

**EP 1358952 A2 20031105 (EN)**

Application

**EP 03076302 A 20030502**

Priority

SE 0201331 A 20020503

Abstract (en)

The invention relates to overload protection for a finger 2 in a press, and to a press provided with overload protection for a finger 2, which overload protection incorporates a finger holder 4, a first recess 6 in the finger 2, a second recess 8 and a spring-loaded ball 10. The finger 2 is arranged to slide in the finger holder 4 in the axial direction of the finger 2 so that the finger 2 is moved from its normal working position by a translation movement in the finger holder 4 in the axial direction of the finger 2 when the overload protection is actuated by the workpiece 1 which the finger 2 is intended to move having reached an incorrect position in the press whereby the finger 2 is subjected to a force acting in the axial direction A of the finger 2. The second recess 8 is arranged either in the finger holder 4 or in a beam in the press. <IMAGE>The invention relates to overload protection for a finger 2 in a press, and to a press provided with overload protection for a finger 2, which overload protection incorporates a finger holder 4, a first recess 6 in the finger 2, a second recess 8 and a spring-loaded ball 10. The finger 2 is arranged to slide in the finger holder 4 in the axial direction of the finger 2 so that the finger 2 is moved from its normal working position by a translation movement in the finger holder 4 in the axial direction of the finger 2 when the overload protection is actuated by the workpiece 1 which the finger 2 is intended to move having reached an incorrect position in the press whereby the finger 2 is subjected to a force acting in the axial direction A of the finger 2. The second recess 8 is arranged either in the finger holder 4 or in a beam in the press. <IMAGE>

IPC 1-7

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IPC 8 full level

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Cited by

CN108214667A; KR102435694B1; FR2984195A1; CN111168624A; WO2011115269A1; US8915348B2; US9339861B2; JP2011194428A; JP5537650B2

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