Title (en)

Rolling stand comprising means for supporting the upper working roll in a spaced manner

Title (de)

Walzgerüst mit Anordnungen zur distanzierten Abstützung der oberen Arbeitswalze

Title (fr)

Cage de laminoir comprenant des dispositifs pour supporter à distance le cylindre de travail supérieur

Publication

EP 0483599 B1 19960710 (DE)

Application

EP 91117631 A 19911016

Priority

DE 4034436 A 19901029

Abstract (en)

[origin: EP0483599A2] The invention relates to an apparatus by means of which, to change the rolls, the chocks of the upper working roll can be supported on those of the lower working roll in such a way that the rolls rest freely one above the other and their shells do not touch. According to the invention, the chocks of one of the rolls are equipped with swivellable supporting levers which, in their normal position, engage around flanks of the opposite chocks and, during adjustments of the stand, are capable of sliding on the said flanks. To change the rolls, however, the upper working roll is raised together with its chocks in such a way that the spring-loaded supporting levers can swivel inwards and engage in grooves in the opposite chock and, during the lowering of the upper working roll, are supported against the base of these grooves. During the installation of a set of rolls, the upper working roll is likewise lifted and the supporting levers are then spread apart, for example by means of a drive or locking devices, so that, as the upper working roll is lowered, they slide past the groove supporting them and can come to rest against the flanks of the opposite chock. <IMAGE>

IPC 1-7

B21B 31/10

IPC 8 full level

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CPC (source: EP KR US)

B21B 31/10 (2013.01 - KR); **B21B 31/106** (2013.01 - EP US); **B21B 31/18** (2013.01 - EP US)

Cited by

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EP 0483599 A2 19920506; **EP 0483599 A3 19920826**; **EP 0483599 B1 19960710**; AT E140167 T1 19960715; CN 1029595 C 19950830; CN 1060982 A 19920513; DE 4034436 A1 19920430; DE 59107990 D1 19960814; ES 2089083 T3 19961001; KR 920007706 A 19920527; LT 3735 B 19960226; LT IP1603 A 19950725; LV 10935 A 19951220; LV 10935 B 19960620; RU 2068743 C1 19961110; TW 210295 B 19930801; UA 26210 A 19990719; US 5195346 A 19930323

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