

Title (en)
RAIL GRINDING MACHINE

Publication
EP 0344390 B1 19920226 (FR)

Application
EP 88810348 A 19880530

Priority
EP 88810348 A 19880530

Abstract (en)
[origin: EP0344390A1] The trolley comprises a frame (10) having two end axles (10A, 10B) between which is a Bissel bogie (10C, 16) whose chassis (16) is articulated to one of these end axles (10A), together with a guide bar (18) articulated between the axle (10C) of the Bissel bogie and the other end axle (10B). At least one wheel (C) of the Bissel bogie functions as a rail sensor. Grinding heads (T1, T2; T5, T6) are articulated via connecting rods (S1, S2; S5, S6) to this chassis (16) and to this guide bar (18) and are thus guided independently of the positions of the end axles, in a manner such that the point of contact of each grinder (M1, M2; M5, M6) follows the rails independently of the curves, thus compensating for the flexions at these points. <?>The trolley may have a plurality of successive Bissel bogies articulated to each other, each guiding grinding heads, or a system of levers for the indirect guidance of the grinding heads, this system being controlled by a measuring Bissel bogie. To compensate for the variation in the rails, telescopic Bissel bogies may be provided. <IMAGE>

IPC 1-7
E01B 31/17

IPC 8 full level
E01B 31/17 (2006.01)

CPC (source: EP US)
B24B 19/004 (2013.01 - EP); **E01B 31/12** (2013.01 - EP); **E01B 31/13** (2013.01 - EP); **E01B 31/17** (2013.01 - EP US)

Cited by
US6033291A; EP2390415A1; US5265379A; EP3779045A1

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