

Title (en)
Device for reshaping railway rails

Title (de)
Vorrichtung zur Wiederprofilierung von Eisenbahnschienen

Title (fr)
Installation pour le reprofilage des rails d'une voie ferrée

Publication
EP 0668397 B1 19980520 (FR)

Application
EP 94119363 A 19941208

Priority
CH 49794 A 19940218

Abstract (en)
[origin: EP0668397A1] The surface re-shaper consists of two milling units equipped with height control cylinders (4,5,6,) and each comprising a frame (8,9), rollers (18) and a milling tool (24,24'), mounted beneath a railway vehicle (2). The two frames are articulated relative to one another about a pivot (20) with its axis perpendicular to the lengthwise axis of the rail, and they are of different lengths. The milling tools are mounted on supports (22,22') which can slide vertically relative to the frames, and connected to jacks (23) which control their positions relative to the rail. The re-shaper also has a rail heater situated in front of the milling tools, and a cooler behind them. A collector with a suction channel or magnet gathers the material removed from the rail surface during re-shaping.

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IPC 8 full level
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E01B 31/12 (2013.01 - EP US); **Y10T 409/306216** (2015.01 - EP US); **Y10T 409/501312** (2015.01 - EP US); **Y10T 409/50164** (2015.01 - EP US)

Cited by
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