

Title (en)

METHOD OF AND DEVICE FOR GRINDING THE UPPER SURFACES AND/OR THE GUIDE SURFACES OF RAILS OR LIKE

Publication

**EP 0371328 A3 19910717 (DE)**

Application

**EP 89121168 A 19891116**

Priority

DE 3840006 A 19881126

Abstract (en)

[origin: EP0371328A2] Method of grinding the upper surfaces and/or the guide surfaces of rails or the like, in which the upper surfaces are ground by an endless, rotating grinding belt which can be moved towards the upper surfaces, the upper surfaces and/or the guide surfaces of the rail being ground by a grinding belt rotating transversely to the longitudinal axis of the rail and at least partly wrapping around the upper surfaces and/or the guide surfaces under pretension, as well as a device for carrying out the method, consisting of a moveable grinding machine guided on at least one rail of the track and having an endless grinding belt which rotates via a drive pulley and a deflection means arranged at a distance therefrom and can be moved via the same towards the surfaces of the rail to be ground, characterised in that the deflection means is formed from two deflection pulleys (16, 17) which are at a relatively small distance from one another, in that the axes of the deflection pulleys (16, 17) and of the drive pulley (19) are arranged parallel to the longitudinal axis of the rail (3) and thus the grinding belt (22) rotates transversely to the longitudinal axis of the rail (3), and in that at least one deflection pulley (16, 17), for the belt to partly wrap around the surfaces (2) of the rail (3), can be lowered below the top edge of the upper surface (2) of the rail (3).

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IPC 8 full level

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CPC (source: EP US)

**E01B 31/175** (2013.01 - EP US)

Citation (search report)

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