

Title (en)

Apparatus for quenching heated metal workpieces comprising a device for extracting fumes

Title (de)

Vorrichtung zum Abschrecken von erwärmten Metallteilen mit einer Einrichtung zum Absaugen von Dämpfen

Title (fr)

Installation pour la trempe de pièces métalliques chauffées comprenant un dispositif pour aspirer des vapeurs

Publication

EP 0519422 B1 19951227 (DE)

Application

EP 92110217 A 19920617

Priority

DE 4119863 A 19910617

Abstract (en)

[origin: EP0519422A2] The apparatus for quenching heated metal parts has a container (1), provided with a cover (3) for receiving a quenching medium, a drop shaft (5), coming from an oven (4) and ending in the container (1), for transferring the metal parts from the oven (4) into the container (1) and for extracting vapours of the quenching medium from the drop shaft (5), and a suction line (17) which branches off from the latter and leads to the suction side of a propellant pump (15) which runs with the quenching medium as propellant. In the flow path downstream of the propellant pump (15), a gas scrubber is provided which likewise contains the quenching medium as the scrubbing fluid. <IMAGE>

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C21D 1/63

IPC 8 full level

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