

Title (en)

COOLING DEVICE FOR A HOT-ROLLING MILL

Title (de)

KÜHLVORRICHTUNG FÜR EIN WARMWALZWERK

Title (fr)

DISPOSITIF DE REFROIDISSEMENT POUR LAMINOIR À CHAUD

Publication

**EP 3898020 B1 20240117 (EN)**

Application

**EP 19817599 A 20191125**

Priority

- EP 18214145 A 20181219
- EP 2019082443 W 20191125

Abstract (en)

[origin: WO2020126333A1] Cooling device (1) for a hot-rolling mill for a metal strip (10), having at least one pair of work rolls (2) each having a work roll surface (2') comprising a shovel-shaped body (3) comprising a plurality of openings arranged to project a cooling fluid on a work roll (2), and a scraper (5) arranged to prevent the cooling fluid from spilling on the metal strip (10), and a pressure means (9) for pressing the scraper (5) against said work roll surface (2'), wherein the shovel-shaped body (3) further comprising one or more spacers (8) arranged to contact the work roll surface (2') with a predefined force.

IPC 8 full level

**B21B 27/10** (2006.01)

CPC (source: EP KR)

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