

Title (en)
DEVICE FOR COOLING EXTRUDED PROFILES.

Title (de)
VORRICHTUNG ZUR ABKÜHLUNG VON STRANGPRESSPROFILIEN.

Title (fr)
DISPOSITIF DE REFROIDISSEMENT DE PROFILS EXTRUDES.

Publication
EP 0541630 B1 19940413

Application
EP 91913850 A 19910730

Priority
• DE 4024605 A 19900802
• EP 9101425 W 19910730

Abstract (en)
[origin: WO9202316A1] The extruded profile-cooling device (10) proposed has, located above and below the extruded profile output line, at right angles to the extruded profile output and transport direction (2), air nozzles (4, 5) with slit apertures. The air nozzles (5) under the extruded profile output line have a smaller aperture-slit width than the nozzles (4) above the output line which blow air on to the extruded profile (1) from above. The distance of the lower air nozzles (5) from the extruded profile (1) is smaller than the distance of the upper nozzles (4) from the extruded profile (1). The air nozzles (5) under the extruded profile are each staggered with respect to those (4) above the extruded profile by a half the distance between adjacent nozzles, measured in the extruded profile output and transport direction (2).

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B21C 29/00; **C21D 1/667**

IPC 8 full level
B21C 29/00 (2006.01); **B21C 35/00** (2006.01); **C21D 1/18** (2006.01); **C21D 1/667** (2006.01)

CPC (source: EP US)
B21C 29/00 (2013.01 - EP US); **C21D 1/667** (2013.01 - EP US)

Citation (examination)
• PATENT ABSTRACTS OF JAPAN, Band 14, nr. 119, (M-945)(4062), & März 1990, & JP-A-1317615, (SUMITOMO METAL IND. LTD), 22 December 1989
• PATENT ABSTRACTS OF JAPAN Band 11, nr. 75 (C-408)(2522), & März 1987 & JP-A-61231124 (KAWASAKI STEEL CORP.) 15 Oktober 1986
• PATENT ABSTRACTS OF JAPAN; Band 7, nr. 277 (C-199)(1422),) Dezember 1983 & JP-A-58157914 (KAWASAKI SEITETSU K.K.) 20 September 1983

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DE19649073C2; DE102016102093B3; US6216485B1; WO2017133867A1; WO9823397A3

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