

Title (en)

Nozzle manifold for the cooling or descaling of metallic elongated material, in particular of rolling stock

Title (de)

Düsenbalken für die Kühlung oder Entzunderung von metallischem Stranggut, insbesondere von Walzgut

Title (fr)

Distributeur à buses pour le refroidissement ou le décalaminage de matériaux allongés métalliques, en particulier de produits laminés

Publication

**EP 1157755 A3 20040204 (DE)**

Application

**EP 01112443 A 20010522**

Priority

DE 10025639 A 20000524

Abstract (en)

[origin: EP1157755A2] Die rocker (1) comprises a feed (3) for the product-treatment fluid; an additional feed (18) for an apparatus-cooling fluid; an outlet (4) for the apparatus-cooling fluid; and a switching device (5) assigned to the outlet and for opening or closing the outlet. The switching device can be automatically switched by an apparatus-cooling fluid pressure which controls the operational state. Preferred Features: The amount of apparatus-cooling fluid is switched via a raised cooling fluid pressure by means of the switching device.

IPC 1-7

**B21B 45/02**

IPC 8 full level

**B21B 45/02** (2006.01); **B21B 45/08** (2006.01)

CPC (source: EP US)

**B21B 45/0233** (2013.01 - EP US); **B21B 45/0218** (2013.01 - EP US); **B21B 45/08** (2013.01 - EP US)

Citation (search report)

- [DA] DE 3433712 C1 19860528 - MANNESMANN AG
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04 31 May 1995 (1995-05-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 002, no. 080 (M - 025) 24 June 1978 (1978-06-24)

Cited by

EP3391977A4; CN111801174A; US11872615B2

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