

Title (en)

Device for greasing workpieces during the forming or the rolling

Title (de)

Vorrichtung zum Befetten von Werkstücken bei der spanlosen Umformung und beim Walzen

Title (fr)

Dispositif pour la lubrification de pièces lors du formage ou du laminage

Publication

EP 0689880 A3 19961218 (DE)

Application

EP 95104899 A 19950401

Priority

DE 4422775 A 19940629

Abstract (en)

[origin: EP0689880A2] The appts. for applying liquid lubricating media to workpieces with large surfaces incorporates at least one application roller (11, 12) which has radial passages for liquid and is provided with a carrier roller (24) mounted rotatably on a hollow axle. The outer surface (23) of the carrier roller - which is inclined to the horizontal (22). - is provided with grooves (27) over a region at the higher end of the roller. Radial channels (17) for liquid lead into these grooves close to their higher ends. As an alternative, the inclined carrier roller is made up of an outer sleeve provided with radial channels for liquid lubricant, and an inner element in the form of a screw serving as a lubricant conveyor. The outer sleeve is provided with a lubricant distribution layer in the form of brushes, felt or fibre matting.

IPC 1-7

B05C 1/10

IPC 8 full level

B05C 1/10 (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP)

B05C 1/10 (2013.01); **B21B 45/0251** (2013.01)

Citation (search report)

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- [A] EP 0493059 A2 19920701 - AJIKAN KK [JP]
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IT202000015577A1; CN103157728A

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

EP 0689880 A2 19960103; EP 0689880 A3 19961218; EP 0689880 B1 19980729; AT E168907 T1 19980815; DE 4422775 C1 19950907; DE 59502955 D1 19980903; DK 0689880 T3 19981102; ES 2120651 T3 19981101

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