

Title (en)

Soap box and method for lubricating a metal wire

Title (de)

Seifenbehälter und Verfahren zum Schmieren eines Metalldrahts

Title (fr)

Caisse à savon et procédé de lubrification d'un fil de métal

Publication

EP 2233220 A1 20100929 (EN)

Application

EP 09156506 A 20090327

Priority

EP 09156506 A 20090327

Abstract (en)

A method for lubricating a metal wire (5) in a soap box prior to drawing the wire through a wire drawing device for reducing the diameter of said wire, wherein said soap box comprises a container with a wire inlet (3) and a wire outlet (4) at two opposite ends of container, a wire feed device arranged to transport the wire through said container, said method comprising: supplying lubricant (2) into said container such that it partially fills said container; simultaneously distributing said lubricant (2) in the container and transporting said wire (5) through said container; wherein said lubricant (2) is a lubricating liquid; said method further comprises providing a multitude of liquid carrying bodies (10) in said container; and simultaneously distributing said liquid carrying bodies (10) with said lubricating liquid (2) and transporting said wire (5) through said container.

IPC 8 full level

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CPC (source: EP)

B21C 1/00 (2013.01); **B21C 9/005** (2013.01); **B21C 9/02** (2013.01)

Citation (applicant)

GB 795462 A 19580521 - BRITISH IRON STEEL RESEARCH

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

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