

Title (en)

METHOD FOR INSPECTION OF WELDS, IN PARTICULAR SPOT WELDS

Title (de)

VERFAHREN ZUM PRÜFEN VON SCHWEISSNÄHTEN, INSBESONDERE PUNKTSCHWEISSVERBINDUNGEN

Title (fr)

PROCÉDÉ D'INSPECTION DE SOUDURES, EN PARTICULIER DE SOUDURES PAR POINTS

Publication

EP 4097457 A1 20221207 (EN)

Application

EP 21743371 A 20210622

Priority

- CZ 2020582 A 20201027
- CZ 2021050069 W 20210622

Abstract (en)

[origin: WO2022089675A1] The inspection of welds, particularly spot welds, is not performed by direct determination of properties of the weld itself but the area around the weld whose optical properties of the surface are not affected by previous welding is heated and subsequently the spatial distribution of the time course of thermal radiation from the surface in the weld area is measured and it is determined whether the measured values fall within the range of values predetermined for a sufficiently high-quality weld.

IPC 8 full level

G01N 25/72 (2006.01); **G01N 33/207** (2019.01)

CPC (source: CZ EP)

G01N 25/72 (2013.01 - CZ EP); **G01N 33/207** (2018.12 - EP)

Citation (search report)

See references of WO 2022089675A1

Designated contracting state (EPC)

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