

Title (en)

Process for rapid quenching in a fluidized bed.

Title (de)

Verfahren zum Schnellabschrecken im Wirbelbett.

Title (fr)

Procédé de trempe rapide dans un lit fluidisé.

Publication

**EP 0262324 A1 19880406 (EN)**

Application

**EP 87110765 A 19870724**

Priority

US 91332086 A 19860930

Abstract (en)

A process enabling rapid quenching of articles in a fluidized bed wherein a bed of defined particle type and size is fluidized at a defined flowrate with a high conductivity gas.

IPC 1-7

**C21D 1/53**; **C21D 1/56**

IPC 8 full level

**C21D 1/20** (2006.01); **C21D 1/53** (2006.01); **C21D 1/56** (2006.01); **C22F 1/04** (2006.01)

CPC (source: EP KR)

**C21D 1/20** (2013.01 - EP); **C21D 1/53** (2013.01 - EP); **C21D 1/56** (2013.01 - EP); **C21D 9/573** (2013.01 - KR); **C22F 1/04** (2013.01 - EP)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 54 (C-50)[726], 15th April 1981; & JP-A-56 005 917 (KOMATSU SEISAKUSHO) 22-01-1981
- [A] HÄRTEREI-TECHNISCHE MITTEILUNGEN, vol. 40, no. 5, September-October 1985, pages 195-197, Munich; R. PULKKINEN et al.: "Beschleunigtes Abkühlen von Stahl und Gusseisen in einem Wirbelbett"

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