

Title (en)

Process for the formation of metal sheets in the presence of cooling and lubricating agents.

Title (de)

Verfahren zur Umformung von Blechen in Anwesenheit eines Kühl- und Schmiermittels.

Title (fr)

Procédé de déformation de tôles métalliques en présence d'un agent de refroidissement et de lubrification.

Publication

EP 0283912 A2 19880928 (DE)

Application

EP 88104151 A 19880316

Priority

DE 3709270 A 19870320

Abstract (en)

In the forming of metal sheets, coolants and lubricants have hitherto been used which had to be carefully removed before coating of the resulting products. The novel process is intended to allow simplified forming with subsequent coating. The forming of metal sheets is carried out in the presence of a coolant and lubricant which is an aqueous emulsion or solution of a binder or binder mixture, which produces a paint film. The film thus produced on the formed product can be cured or dried immediately afterwards. Manufacture of cans.

Abstract (de)

1 Bei der Umformung von Blechen wurden bisher Kühl- und Schmiermittel verwendet, die vor dem Beschichten der erhaltenen Produkte sorgfältig entfernt werden mußten. Das neue Verfahren soll eine vereinfachte Umformung mit anschließender Beschichtung ermöglichen. 2 Die Umformung von Blechen erfolgt in Anwesenheit eines Kühl- und Schmiermittels, das eine wäßrige Emulsion oder Lösung eines lackfilmbildenden Bindemittels oder Bindemittelgemisches ist. Der dabei auf dem umgeformten Produkte gebildete Film kann unmittelbar anschließend gehärtet oder getrocknet werden. 3 Herstellung von Dosen.

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IPC 8 full level

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