

A new surface hardening process

Autor(en): [s.n.]

Objektyp: **Article**

Zeitschrift: **The Swiss observer : the journal of the Federation of Swiss Societies in the UK**

Band (Jahr): - (1969)

Heft 1568

PDF erstellt am: **26.09.2024**

Persistenter Link: <https://doi.org/10.5169/seals-692397>

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RECENT DEATHS IN

SWITZERLAND

The following deaths have been reported from Switzerland:

Georges Ketterer (76), Geneva, well-known watch industrialist; for many years Vice-President of the *Fédération Horlogère*, President of the "Montres et Bijoux" Exhibition in Geneva and President of the "Union des Fabricants d'Horlogerie".

Prof. Dr. iur. Hans Pfenninger (82), Zurich, lawyer; *Staatsanwalt* from 1919 to 1932; from 1932 to 1951 Professor of Penal Law at Zurich University; Colonel (Military Department of Justice) and for many years President of the *Militärkassationsgericht*; author of a number of works on legal matters.

Dr. Rudolf Schmid (80), Baar/ Zug, former *Regierungsrat* of Zug (1941 to 1954) and *Landammann* 1949/ 50.

Walter von Arx (98), Berne, originally from Solothurn, he studied in Berne and was Christian-Catholic Minister at Trimbach/Olten from 1895 to 1899, after that in Solothurn where he also gave religious instruction at the Cantonal School; in 1906 turned journalist and began his long career as parliamentary correspondent; for nearly 50 years, he reported for "Bund", "Neue Zürcher Zeitung", "Agence Télégraphique Suisse", "St. Galler Tagblatt" and "Aargauer Tagblatt"; a much-respected personality.

Prof. Dr. h.c. Eugen Wiedemann (68), Baden, for 39 years with Brown Boveri; head of the electronic machine construction department and Deputy Manager; honorary doctorate of the ETH and holder of other awards; co-author (with W. Kellenberger) of the standard work "Construction of Electric Machinery".

Roman Koelbener (48), Appenzell, lawyer; member of the Inner-rhoden Cantonal Parliament, Commune Councillor and since 1965 *Regierungsrat*.

Prof. Dr. iur. Max Imboden (53), Basle, eminent jurist; originally from St. Gall, he studied in Geneva, Berne and Zurich; he was Legal Consultant of the town of Zurich from 1946 to 1953; after that Professor of State and Administrative Law at Basle University and its Rector in 1963 and 1964; for four years member of the Basle Cantonal Parliament and since 1960 on the Basle Constitutional Council; since 1965 President of the Swiss Science Council in which capacity he achieved much in the matter of

university reform; for two years Radical-Democrat member of the National Council for which he did not stand any more after 1967; author of repute on legal subjects.

Martin Schwyzer (75), Flawil, ing. agr.; head of Agricultural College from 1932 to 1959; well-known cattle breeder and expert.

Albert Valmond (82), Lausanne, well-known singer and actor; celebrated bass at the Paris Opera; gifted teacher and author.

Mrs. Elsi Kuhn-Schmocker (46), Ringgenberg, well-known yodeller; killed in a road accident in Denmark.

(A.T.S.)

A NEW SURFACE HARDENING

PROCESS

During the last few years, the Swiss Horological Research Laboratory in Neuchâtel has perfected a process for hardening surfaces, in particular metallic ones. These results have found useful applications in the field of watch-making and other industrial sectors. Thus, for example, the Sandvik metallurgical works in Sweden, which recently commissioned the Swiss Horological Research Laboratory to carry out a big research project for them in this field, have announced that it has been possible for them to obtain an appreciable improvement in their cutting tools. This firm also stated that it was the biggest advance achieved in this field during the past ten years.

(O.S.E.C.)

NEW CONTRACTS

The Buss Co. Ltd. Engineering Works in Basle signed contracts at the end of 1968 for the supply of two plants for the preparation of carbon electrode masses for the production of crude aluminium. These are continuous mixing and kneading appliances, the biggest ever built for the purpose; the value of the whole consignment will exceed 4 million Swiss francs.

The Vaudois industrial group *Paillard Co. Ltd.* and the Belfort Multi-copying Company belonging to the Japy group have just signed an agreement giving the Swiss firm the majority of the share capital of the French firm. This transaction is the culmination of the co-operation started by the two companies right after the second world war, for the purpose of gradually harmonising their manufacturing programmes.

(O.S.E.C.)

SWITZERLAND CALLING

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